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WEEKLY WEATHER AND CROP BULLETIN

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Statistical Reporting Service and World Agricultural Outlook Board

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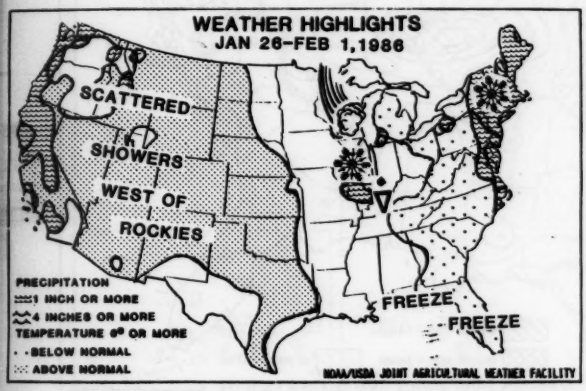
January 26 to February 1, 1986



HIGHLIGHTS: A frigid blast of arctic air pushed into the upper Mississippi Valley early in the week and moved rapidly eastward and southeastward. Subzero temperatures spread through the Mississippi Valley to the lower Ohio Valley and through the Appalachians to the upper Tennessee Valley. Freezing temperatures reached into the eastern Gulf of Mexico and through Florida to the Lake Okeechobee area. Florida temperatures rose rapidly during the day and escaped severe damage. Light snow preceded the cold outbreak in the central Mississippi Valley and lower Great Lake States, but later rain melted most of it. The rainy season seems to have begun in the West as precipitation fell in most areas west of the Rockies. Snow fell at the high elevations, but most of the precipitation was rain.

SUNDAY...A massive winter storm caused precipitation through the entire eastern seaboard. Snow fell from the mid-Atlantic States northward. Snow also fell through the Appalachians and from the Tennessee Valley through the Great Lakes. Strong winds sped down the Mississippi Valley, and skies were generally clear west of the river. Warm weather persisted along the Pacific coast.

MONDAY...Frigid, arctic air plunged southward through the Mississippi Valley. Freezing temperatures reached almost to the gulf coast and the Atlantic coast. Subzero weather covered the upper Mississippi Valley. Part of this latter area had no snow cover. Snow preceded the cold blast nearly everywhere east of the Mississippi River, and light snow fell in the lower Missouri Valley.

TUESDAY...The arctic air covered the East and the Southeast, plunging into the Gulf of Mexico and through most of Florida. Rapid daytime warming saved Florida from severe damage. Subzero temperatures reached to parts of the eastern Tennessee Valley. Temperatures remained relatively warm west of the Great Plains. Snow fell from the northern Plains through New England, and a new Pacific storm began spreading rain through the Northwest.

WEDNESDAY...Unusually cold weather persisted in the East Coast States, the Ohio Valley, and the Great Lakes region. Freezing temperatures reached into northern Florida, but subzero temperatures were confined to the northern Appalachians and extreme northern Mississippi Valley. The Pacific storm spread rain over the entire west coast with snow at higher elevations and through the northern Rockies to the northern Plains.

THURSDAY...Rain continued in the Western States up to the Continental Divide. Most of the precipitation was rain, but some higher elevations had snow. Snow also fell in the northern Rockies and Plains. Light snow continued in the East from the upper Ohio Valley into New England. The very cold weather in the East moderated somewhat, but freezing temperatures reached to a line from northern Texas to northern Georgia.

FRIDAY...The rainy season in the West seems to be well under way as another day of rain or snow covered the area west of the Rockies. Light snow continued across the northern Plains, through the Great Lakes region, and into New England. Another surge of cooler air pushed the freezing line into extreme northern Florida, but the southern Plains began warming.

SATURDAY...The rain slackened in the West with the heaviest amounts falling along the northwest coast. Light snow continued in the high elevations of the northern Rockies. Much warmer weather covered much of the East, but it was still cold in the Northeast. Rain fell from the lower Missouri Valley through the Ohio Valley while snow covered the Lakes and the Northeast.

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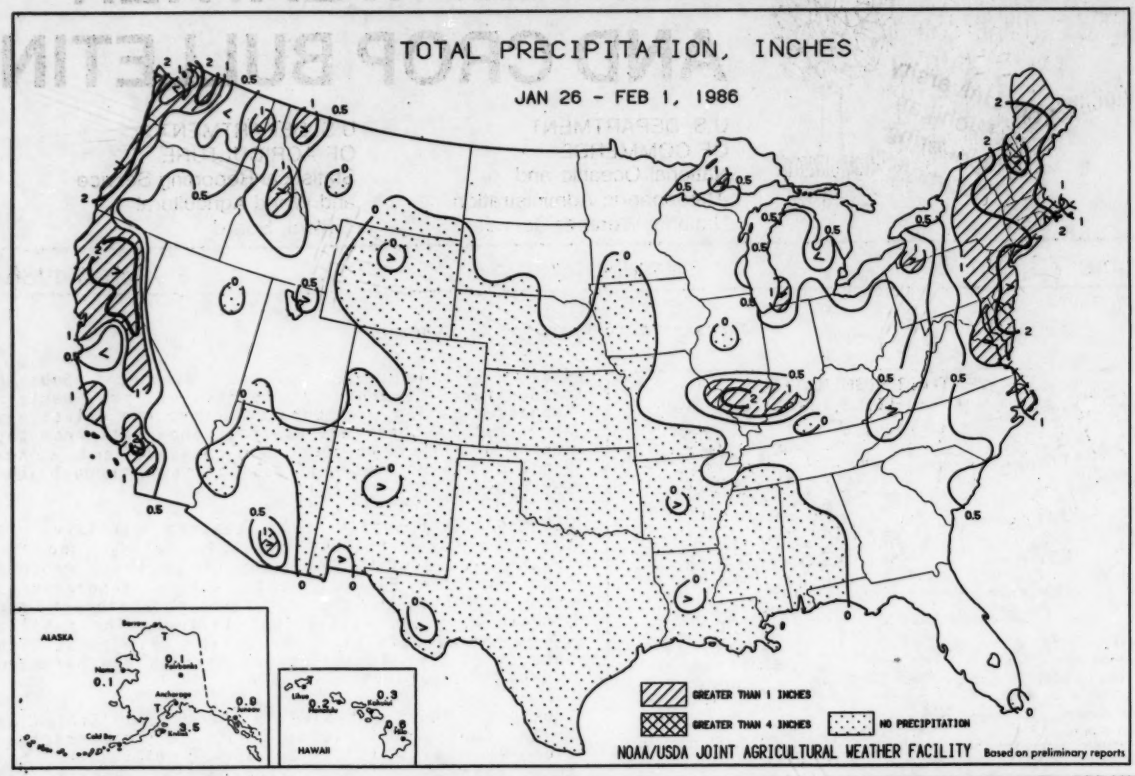
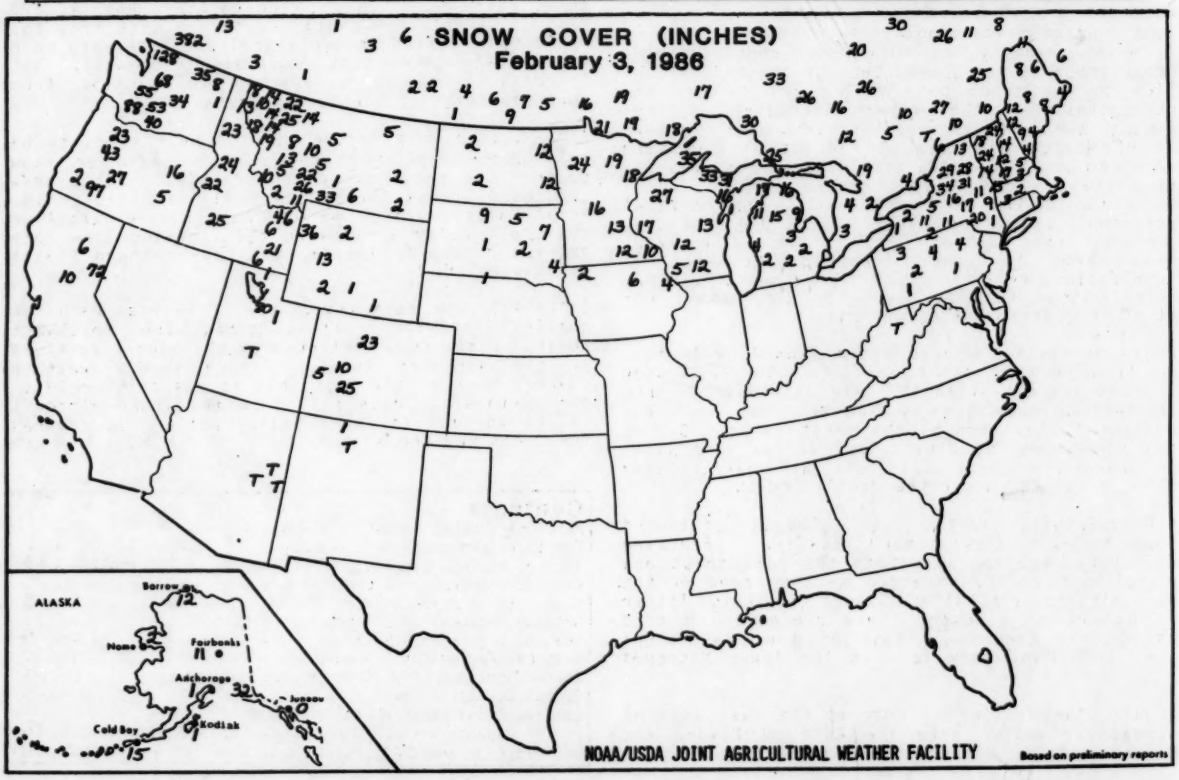
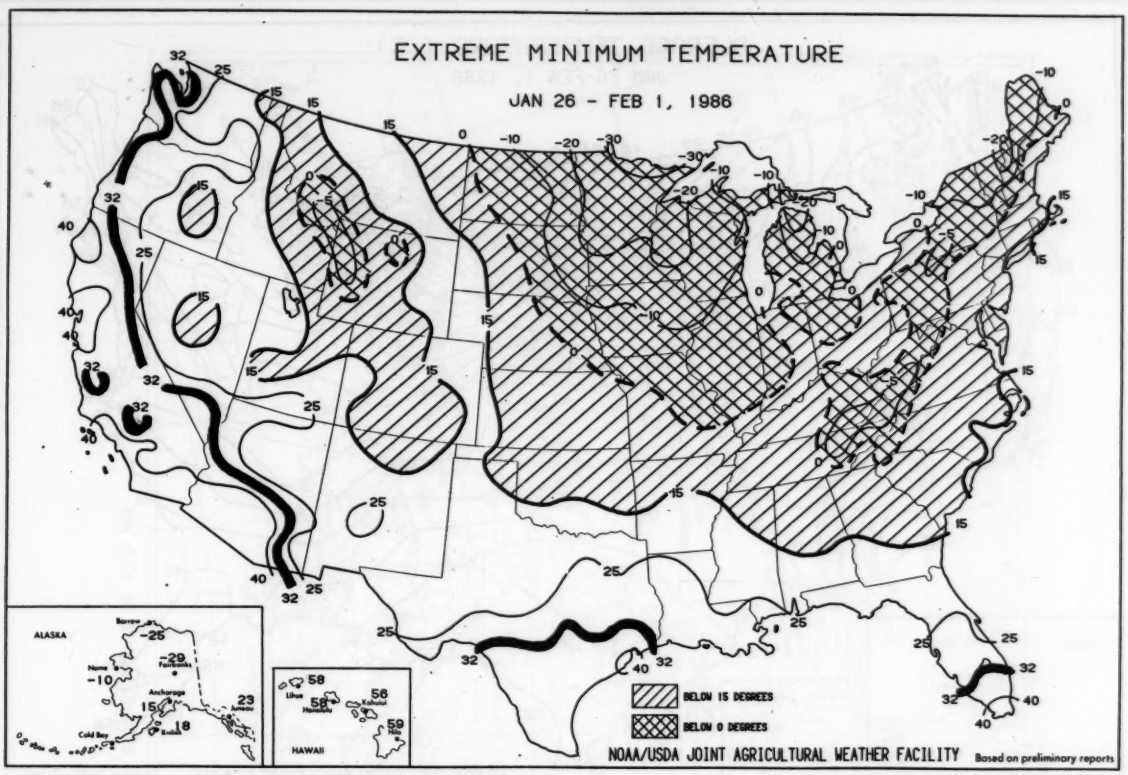
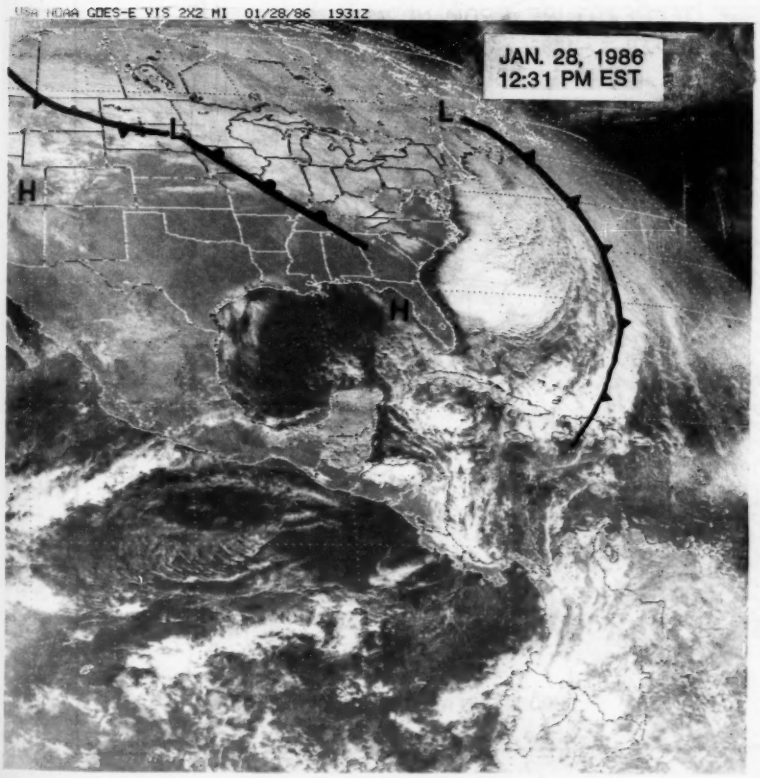

TOTAL PRECIPITATION, INCHES
JAN 26 - FEB 1, 1986
ALASKA
HAWAII
GREATER THAN 1 INCHES
GREATER THAN 4 INCHES
NO PRECIPITATION
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports


SNOW COVER (INCHES)
February 3, 1986
ALASKA
Barrow
Fairbanks
Nome
Anchorage
Juneau
Cold Bay
Kodiak
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports





A BLAST OF COLD AIR PUSHED THROUGH THE UPPER MISSISSIPPI VALLEY AND COVERED THE ENTIRE EASTERN UNITED STATES. LOW CLOUDS FORMED FROM COLD AIR MOVING OVER THE WARMER WATERS OF THE ATLANTIC. FREEZING TEMPERATURES REACHED INTO THE EASTERN GULF OF MEXICO AND AS FAR SOUTH AS THE LAKE OKEECHOBEE AREA IN FLORIDA.

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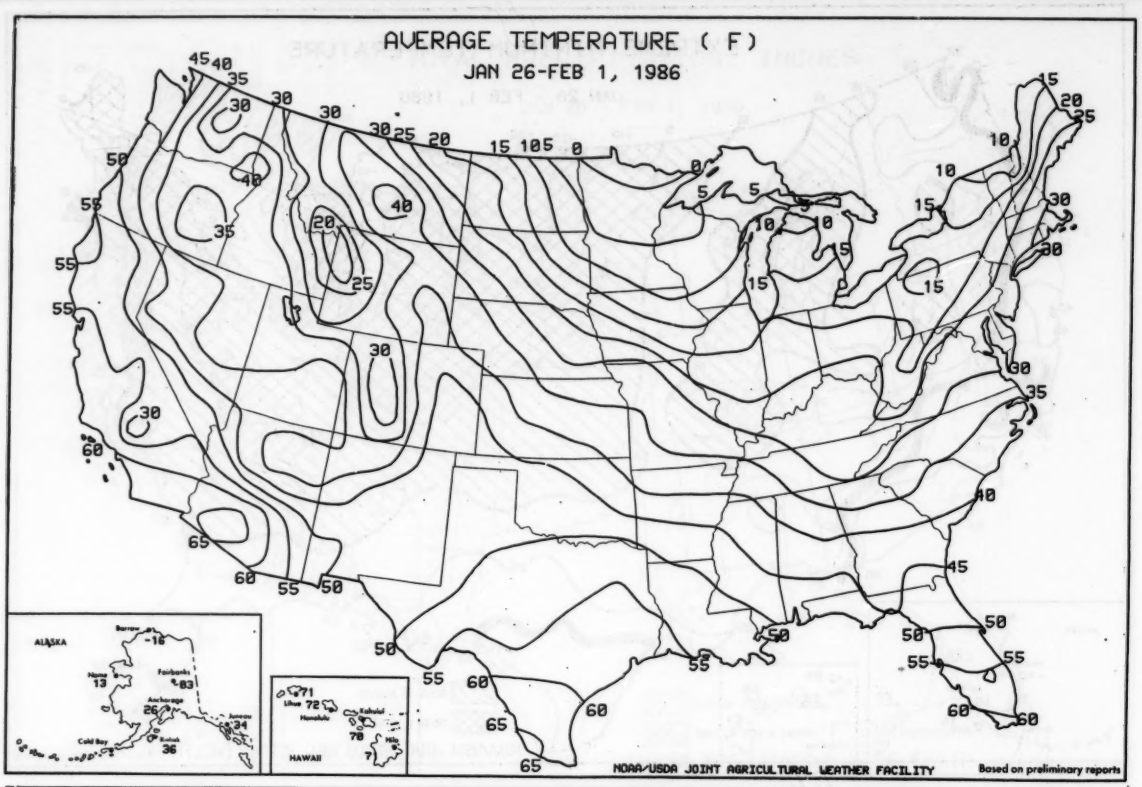
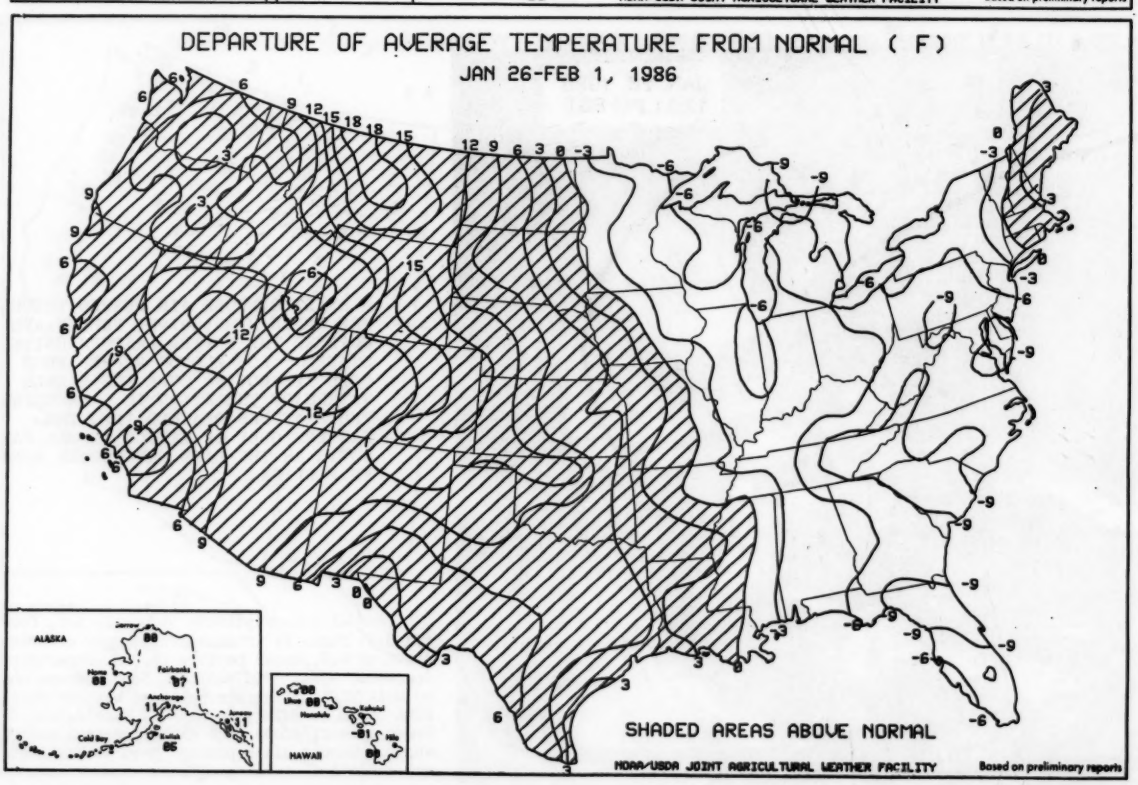
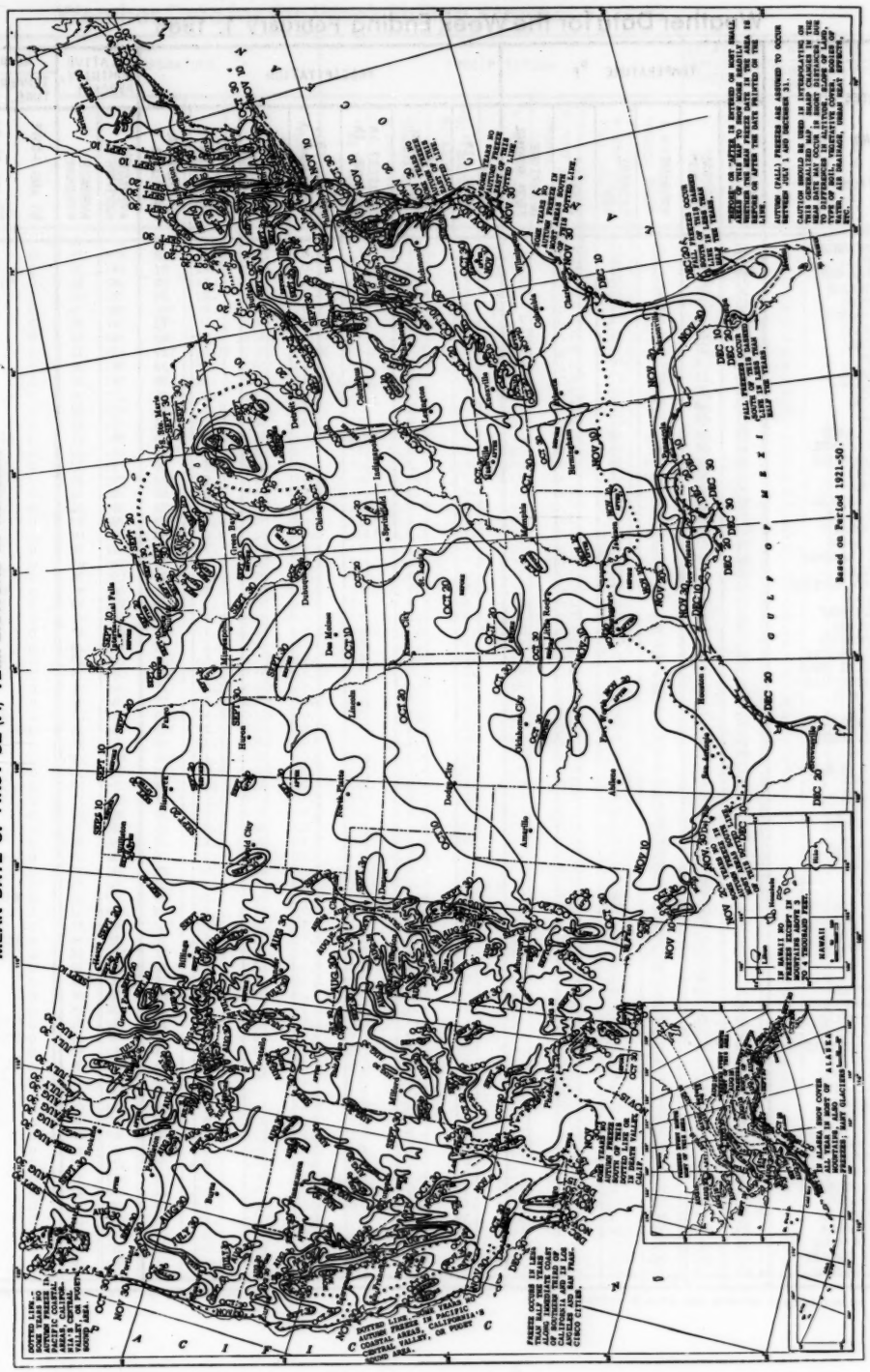

AVERAGE TEMPERATURE (F)
JAN 26-FEB 1, 1986
ALASKA
HAWAII
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports


DEPARTURE OF AVERAGE TEMPERATURE FROM NORMAL (F)
JAN 26-FEB 1, 1986
SHADED AREAS ABOVE NORMAL
ALASKA
HAWAII
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports


MEAN DATE OF FIRST 32°(F.) TEMPERATURE IN AUTUMN
Based on Period 1921-50.

Weather Data for the Week Ending February 1, 1986

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
																TEMPERATURE °F		PRECIPITATION	
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE Dec. 1	PCT. NORMAL SINCE Dec. 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
AL BIRMINGHAM	52	26	69	12	39	-4	T	-1.1	T	3.9	37	1.0	19	78	31	0	5	0	0
MOBILE	59	35	71	18	47	-4	0	-1.1	0	7.0	69	2.7	57	91	36	0	2	0	0
MONTGOMERY	57	27	72	13	42	-5	T	-1.0	T	5.9	64	1.1	26	82	28	0	4	0	0
AK ANCHORAGE	30	21	40	15	25	11	T	-.2	T	1.7	86	.2	25	93	69	0	7	3	0
BARROW	-10	-21	9	-25	-16	1	T	-.1	T	.3	80	.2	100	80	70	0	7	2	0
FAIRBANKS	9	-16	22	-29	-3	7	.1	0	.1	.2	16	.1	17	81	57	0	7	1	0
JUNEAU	37	30	44	23	34	11	.9	0	.3	15.4	182	6.2	163	99	83	0	5	4	0
KODIAK	40	31	42	18	36	4	3.5	1.7	1.2	30.0	202	11.1	129	95	72	0	3	6	3
NOME	23	4	29	-10	14	8	.1	0	.1	1.6	110	.3	38	67	34	0	7	2	0
AZ PHOENIX	76	51	81	47	64	10	.3	.2	.3	1.1	72	.3	38	63	22	0	0	2	0
PRESCOTT	64	30	70	24	47	10	.1	-.3	.1	.2	5	.1	6	75	30	0	4	2	0
TUCSON	77	48	82	45	62	10	1.3	1.2	1.0	1.5	82	1.3	144	52	22	0	0	3	1
YUMA	77	51	83	47	64	7	T	0	T	.3	36	0	0	53	23	0	0	1	0
AR FORT SMITH	57	28	75	12	42	4	0	-.5	0	.6	13	.2	11	82	31	0	6	0	0
LITTLE ROCK	54	31	67	13	43	2	T	-.8	T	3.7	48	.6	16	64	40	0	4	0	0
CA BAKERSFIELD	68	44	75	36	56	6	.6	.3	.4	1.1	64	.8	80	93	47	0	0	2	0
EUREKA	63	52	69	42	57	9	1.3	-.3	.6	10.3	77	7.5	104	78	58	0	0	5	1
FRESNO	66	45	77	36	56	8	1.2	.7	.7	2.5	66	1.8	86	96	53	0	0	3	1
LOS ANGELES	72	52	83	49	62	6	1.8	1.0	.8	2.8	58	2.3	72	85	42	0	0	4	2
RED BLUFF	59	47	70	37	53	6	2.7	1.8	1.4	7.6	92	5.2	113	92	67	0	0	4	3
SACREMENTO	61	47	65	38	54	6	2.1	1.2	1.0	5.9	84	3.6	86	98	68	0	0	4	2
SAN DIEGO	71	51	79	48	61	4	.7	.3	.5	1.8	51	.7	32	82	39	0	0	2	0
SAN FRANCISCO	62	49	65	45	56	6	1.7	.6	.9	5.7	68	4.1	85	95	61	0	0	3	2
CO DENVER	60	27	67	16	43	13	0	-.1	0	.9	81	.2	40	52	20	0	6	0	0
GRAND JUNCTION	52	27	58	21	40	12	T	-.1	T	.9	69	.1	14	80	35	0	6	0	0
PUEBLO	65	24	76	10	44	13	0	0	0	.5	91	.3	100	76	18	0	6	0	0
CT BRIDGEPORT	34	21	52	11	28	-2	1.2	.5	.7	4.0	56	2.7	79	82	54	0	5	4	1
HARTFORD	33	18	55	7	26	0	2.9	2.1	2.1	6.7	86	5.4	150	87	47	0	6	5	2
DC WASHINGTON	34	21	44	12	27	-8	.8	.2	.6	3.1	51	2.4	83	83	49	0	6	3	1
FL APALACHICOLA	59	35	68	21	47	-6	.2	-.6	.2	7.9	111	3.6	100	89	48	0	2	1	0
DAYTONA BEACH	61	35	74	22	48	-9	.2	-.5	.2	10.8	231	8.8	352	89	38	0	3	1	0
JACKSONVILLE	59	31	74	16	45	-9	.2	-.6	.2	7.8	135	4.2	131	88	36	0	4	1	0
KEY WEST	71	57	77	46	64	-5	.1	-.3	.1	3.6	101	1.3	72	86	55	0	0	1	0
MIAMI	70	47	78	36	59	-9	T	-.5	T	9.0	224	5.5	250	87	42	0	0	1	0
ORLANDO	64	39	74	26	52	-8	.2	-.4	.2	10.6	264	7.2	327	84	36	0	3	1	0
TALLAHASSEE	60	26	72	13	43	-9	T	-1.1	T	9.9	105	2.7	56	91	31	0	6	1	0
TAMPA	66	41	78	26	53	-6	.3	-.3	.3	3.5	80	2.4	104	90	43	0	1	1	0
WEST PALM BEACH	69	45	79	31	57	-8	T	-.6	T	7.7	152	6.3	225	85	38	0	1	1	0
GA ATLANTA	50	23	66	7	37	-6	.2	-.9	.2	3.2	34	.9	18	75	30	0	6	2	0
AUGUSTA	52	22	70	10	37	-8	.2	-.7	.1	3.1	42	1.5	37	84	34	0	6	2	0
MACON	54	25	70	10	40	-8	.1	-.9	.1	4.7	55	1.7	39	86	29	0	6	1	0
SAVANNAH	55	29	70	13	42	-8	.3	-.4	.3	4.0	68	2.0	63	86	35	0	4	2	0
HI HILO	80	62	82	59	71	0	.6	-2.0	.6	7.3	32	4.8	49	86	58	0	0	1	1
HONOLULU	82	62	84	58	72	0	.2	-.6	.1	.2	3	.2	5	92	48	0	0	2	0
KAHULUI	80	60	83	56	70	-1	.3	-.6	.2	1.8	26	1.0	23	94	55	0	0	2	0
LIHUE	80	61	83	58	71	0	T	-1.2	T	.7	6	.2	3	91	55	0	0	1	0
ID BOISE	44	29	56	20	37	5	.2	-.1	.1	2.3	74	1.0	59	97	66	0	4	5	0
LEWISTON	48	36	55	28	42	8	.2	-.1	.1	.7	27	.4	29	88	63	0	1	3	0
POCATELLO	40	23	48	8	31	6	.4	.2	.3	2.3	109	1.2	100	93	62	0	5	3	0
IL CHICAGO	23	7	46	-6	15	-7	.3	0	.2	2.1	56	.6	38	85	56	0	7	3	0
MOLINE	26	9	47	-8	18	-3	T	-.3	T	2.6	73	.4	24	76	58	0	6	2	0
PEORIA	30	9	52	-6	19	-3	T	-.3	T	2.5	68	.2	12	80	52	0	7	0	0
QUINCY	35	12	55	-4	24	-1	T	-.3	T	2.5	79	.1	7	79	43	0	6	1	0
ROCKFORD	22	6	35	-7	14	-5	.2	0	.2	3.2	95	.9	60	93	67	0	7	2	0
SPRINGFIELD	34	11	56	-4	22	-3	T	-.3	T	2.5	67	0	0	76	45	0	7	1	0
IN EVANSVILLE	37	16	64	1	27	-5	1.4	.7	1.3	4.1	63	2.4	77	84	51	0	6	3	1
FORT WAYNE	27	11	48	-3	19	-4	.2	-.2	.1	3.5	76	.8	38	92	69	0	7	4	0
INDIANAPOLIS	30	13	53	-1	22	-5	.4	-.2	.3	4.4	77	1.1	41	82	53	0	6	3	0
SOUTH BEND	26	13	46	-1	19	-4	1.0	.5	.3	3.9	71	1.4	54	91	69	0	7	6	0
IA DES MOINES	33	10	43	-8	22	2	T	-.3	T	1.4	69	.1	10	71	41	0	7	0	0
SIOUX CITY	34	12	49	-7	23	5	T	-.1	T	.7	49	.1	17	76	44	0	7	0	0
WATERLOO	22	4	32	-14	13	-2	T	-.2	T	1.6	80	.4	50	83	67	0	7	1	0
KS CONCORDIA	47	19	59	1	33	7	0	-.1	0	.4	32	0	0	77	36	0	7	0	0
DODGE CITY	58	25	73	10	41	11	0	-.1	0	.1	11	0	0	69	28	0	7	0	0
GOODLAND	60	25	72	15	43	14	0	-.1	0	.5	56	0	0	81	24	0	7	0	0
TOPEKA	48	19	67	1	33	6	0	-.2	0	.7	32	0	0	75	33	0	7	0	0
WICHITA	52	24	69	7	38	8	0	-.1	0	.6	36	T	0	73	35	0	5	0	0
KY BOWLING GREEN	41	17	67	2	29	-5	T	-1.0	T	2.7	29	1.0	21	82	46	0	6	0	0
LEXINGTON	37	16	65	-1	27	-5	.1	-.7	.1	1.8	24	.7	19	76	46	0	6	3	0
LOUISVILLE	38	18	66	3	28	-5	.5	-.2	.5	2.4	34	1.4	40	77	44	0	6	2	1
LA ALEXANDRIA	63	44	72	28	54	1	.1	-1.1	.1	7.6	77	2.0	41	78	46	0	2	1	0
BATON ROUGE	65	43	78	25	54	3	T	-1.1	T	6.3	65	1.6	33	82	35	0	2	0	0
LAKE CHARLES	65	45	75	30	55	3	0	-1.0	0	6.5	68	2.7	61	88	48	0	2	0	0
NEW ORLEANS	63	40	76	26	52	-1	0	-1.2	0	8.2	79	3.4	65	90	43	0	2	0	0

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

Weather Data for the Week Ending February 1, 1986

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
																TEMPERATURE °F		PRECIPITATION	
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE Dec. 1	PCT. NORMAL SINCE Dec. 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
DAYTON	30	14	56	-3	22	-5	.4	-.2	.3	4.2	82	2.0	74	87	61	0	7	5	0
TOLEDO	27	8	50	-2	17	-6	.4	-.1	.2	2.7	58	1.1	52	88	64	0	7	3	0
YOUNGSTOWN	26	10	47	-1	18	-6	.4	-.2	.3	3.1	56	1.1	39	91	60	0	7	3	0
OK OKLAHOMA CITY	59	34	74	14	47	10	0	-.3	0	.3	12	0	0	68	33	0	3	0	0
TULSA	56	30	71	10	43	7	0	-.4	0	1.4	43	0	0	65	30	0	5	0	0
OR ASTORIA	55	43	59	37	49	7	1.8	-.5	.9	14.0	60	11.3	97	92	64	0	0	6	1
BURNS	39	25	45	9	32	2	.4	.3	.2	1.6	109	.8	133	--	--	0	5	4	0
MEDFORD	54	41	63	29	48	8	.2	-.5	.1	2.9	41	2.1	60	96	58	0	1	4	0
PENDLETON	41	33	51	29	37	2	.6	.2	.3	2.9	84	1.6	89	98	84	0	4	5	0
PORTLAND	50	38	61	33	44	4	.7	-.5	.3	6.9	54	4.7	75	93	64	0	0	6	0
SALEM	52	39	58	26	45	5	1.0	-.4	.5	8.9	62	6.3	88	98	76	0	1	5	1
PA ALLENTOWN	29	14	38	6	21	-6	1.2	.5	1.0	5.5	76	3.8	109	82	54	0	6	4	1
ERIE	27	10	48	2	19	-5	.9	.4	.4	5.0	86	2.2	85	89	62	0	7	6	0
HARRISBURG	29	16	35	7	23	-6	.6	0	.6	3.6	57	2.2	71	78	54	0	6	3	1
PHILADELPHIA	33	18	44	9	25	-6	1.4	.7	1.1	5.1	76	4.2	127	89	57	0	6	3	1
PITTSBURGH	29	11	51	2	20	-6	.5	-.2	.3	4.8	87	2.5	83	85	58	0	7	5	0
SCRANTON	27	11	38	2	19	-6	1.3	.8	.9	4.8	98	2.8	122	89	62	0	7	4	1
RI PROVIDENCE	38	23	54	12	30	2	3.6	2.7	2.1	7.4	86	6.0	143	84	51	0	6	4	2
SC CHARLESTON	51	27	67	12	39	-9	.6	-.2	.5	3.2	49	2.0	59	90	43	0	5	3	0
COLUMBIA	48	22	65	9	35	-10	.4	-.5	.4	1.9	24	1.1	24	85	36	0	6	2	0
FLORENCE	49	26	67	12	37	-8	.3	-.6	.3	1.9	28	1.0	27	90	42	0	5	1	0
GREENVILLE	46	21	61	5	34	-8	.3	-.7	.3	2.6	31	1.1	25	76	32	0	7	1	0
SD ABERDEEN	20	4	27	-17	12	2	.1	-.1	.1	1.0	100	.4	80	91	71	0	7	2	0
HURON	24	7	39	-14	16	3	T	-.1	T	1.1	109	.4	100	81	62	0	7	1	0
RAPID CITY	39	23	53	14	31	9	T	-.1	T	1.3	140	.5	125	94	65	0	6	0	0
SIOUX FALLS	25	6	36	-15	15	2	T	-.1	T	1.2	96	.7	140	85	62	0	7	1	0
TN CHATTANOOGA	46	17	63	6	32	-8	T	-1.1	T	3.2	31	.9	17	87	40	0	7	1	0
KNOXVILLE	41	15	63	0	28	-11	.1	-1.0	.1	3.4	36	1.0	21	86	46	0	7	1	0
MEMPHIS	52	28	70	11	40	0	T	-1.1	T	3.8	40	.6	13	64	32	0	4	0	0
NASHVILLE	44	19	70	2	34	-6	T	-.9	T	1.1	12	.2	4	84	41	0	6	2	0
TX ABILENE	66	39	76	22	52	8	0	-.3	0	T	2	0	0	65	30	0	3	0	0
AMARILLO	64	29	76	17	47	10	0	-.1	0	.3	27	0	0	62	21	0	4	0	0
AUSTIN	69	46	76	34	58	8	0	-.5	0	1.5	41	.5	29	82	38	0	0	0	0
BEAUMONT	68	47	77	31	58	5	0	-1.0	0	4.6	52	1.8	42	86	45	0	1	0	0
BROWNSVILLE	75	52	80	38	63	2	0	-.4	0	1.5	60	1.1	85	94	48	0	0	0	0
CORPUS CHRISTI	72	49	82	37	61	4	0	-.4	0	3.3	107	1.7	100	89	48	0	0	0	0
DEL RIO	69	44	78	34	56	4	0	-.2	0	1.7	158	1.7	340	76	33	0	0	0	0
EL PASO	65	28	71	21	46	1	T	-.1	T	.1	8	.0	0	64	22	0	5	0	0
FORT WORTH	64	39	72	24	52	7	0	-.4	0	.6	17	T	0	74	36	0	2	0	0
GALVESTON	64	52	70	40	58	4	0	-.6	0	3.9	59	1.4	45	83	57	0	0	0	0
HOUSTON	70	48	79	33	59	7	T	-.8	T	4.6	66	.8	24	82	45	0	0	0	0
LUBBOCK	66	32	74	20	49	9	C	-.1	0	.2	22	0	0	74	23	0	4	0	0
MIDLAND	67	33	77	21	50	6	0	-.1	0	.3	31	.2	50	76	28	0	4	0	0
SAN ANGELO	68	36	76	20	52	6	0	-.2	0	.3	24	.3	43	77	30	0	3	0	0
SAN ANTONIO	70	45	78	32	58	7	0	-.4	0	.9	29	.8	50	80	38	0	1	0	0
VICTORIA	71	48	80	34	59	5	T	-.5	T	3.5	86	1.1	55	90	46	0	0	0	0
WACO	67	41	75	27	54	7	T	-.5	T	2.1	57	.1	6	84	38	0	2	0	0
WICHITA FALLS	65	35	77	18	50	9	0	-.2	0	.1	5	0	0	72	30	0	3	0	0
UT BLANDING	54	27	58	22	41	12	T	-.2	T	.2	6	.2	14	81	41	0	6	1	0
CEDAR CITY	57	28	64	18	42	11	T	-.2	T	.5	36	.1	14	85	28	0	5	0	0
SALT LAKE CITY	42	27	53	15	35	4	.2	-.2	.1	2.4	86	1.0	71	91	62	0	4	3	0
VT BURLINGTON	23	0	33	-13	11	-5	1.5	1.0	.6	4.7	108	3.1	163	92	63	0	7	5	1
VA NORFOLK	38	23	52	14	31	-9	1.0	.2	.7	3.3	47	2.5	66	89	56	0	6	3	1
RICHMOND	36	20	52	12	28	-9	1.1	.3	.8	3.3	48	2.7	82	89	51	0	7	3	1
ROANOKE	36	20	54	5	28	-8	.3	-.4	.2	1.8	30	.9	31	77	43	0	7	2	0
WA COLVILLE	38	28	44	14	33	7	.8	.4	.3	3.9	82	3.2	139	97	85	0	4	5	0
QUILLAYUTE	51	39	57	32	45	6	3.3	.1	.8	20.5	64	16.9	109	100	80	0	2	7	4
SEATTLE-TACOMA	53	41	58	35	47	7	1.2	0	.8	10.4	83	8.6	139	92	58	0	0	6	1
SPOKANE	37	29	40	20	33	5	1.3	.7	.7	3.9	77	3.2	128	99	86	0	5	5	1
YAKIMA	38	26	45	16	32	2	.4	.1	.2	2.9	103	1.8	120	99	86	0	5	5	0
WV BECKLEY	31	13	56	-7	22	-8	.5	-.3	.2	3.2	47	1.5	42	88	57	0	6	5	0
CHARLESTON	37	18	64	2	27	-6	.4	-.4	.2	4.8	70	2.1	58	73	44	0	7	4	0
HUNTINGTON	37	18	65	1	27	-6	.1	-.6	.1	3.4	53	1.3	39	82	47	0	6	4	0
PARKERSBURG	33	15	59	3	24	-6	.2	-.7	.1	3.1	47	1.3	34	87	54	0	7	4	0
WI GREEN BAY	17	-1	29	-15	8	-6	.2	0	.1	2.5	93	.6	50	84	56	0	7	4	0
LA CROSSE	17	1	28	-15	9	-6	.2	0	.2	1.4	68	.2	20	81	57	0	7	3	0
MADISON	19	4	32	-10	12	-5	.3	.1	.1	3.4	127	1.0	91	95	65	0	7	5	0
MILWAUKEE	21	8	35	-4	15	-5	.6	.3	.4	2.9	104	1.3	76	83	56	0	7	4	0
WAUSAU	16	-4	26	-17	6	-5	.3	.1	.2	1.9	85	.7	70	76	50	0	7	4	0
WY CASPER	49	31	53	19	40	16	0	-.1	0	1.4	138	.4	80	71	39	0	4	0	0
CHEYENNE	56	28	62	20	42	15	0	-.1	0	.9	116	.1	25	69	22	0	5	0	0
LANDER	37	17	51	4	27	6	T	-.1	T	1.9	188	.3	60	91	62	0	7	0	0
SHERIDAN	44	25	50	14	35	14	T	-.2	T	.5	36	.2	25	87	56	0	7	0	0
PR SAN JUAN	84	68	86	63	76	0	.1	-.5	.1	4.8	64	2.8	90	94	57	0	0	1	0

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

Weather Data for the Week Ending February 1, 1986

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
																TEMPERATURE °F		PRECIPITATION	
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE Dec. 1	PCT. NORMAL SINCE Dec. 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
LA SHREVEPORT	64	41	76	26	52	6	0	-.9	0	3.8	48	.5	12	81	38	0	2	0	0
ME CARIBOU	26	1	52	-10	13	3	1.3	.8	.5	6.8	121	4.5	188	89	70	0	6	3	1
PORTLAND	35	18	52	3	26	5	2.2	1.3	1.3	9.1	108	6.7	172	88	55	0	5	4	2
MD BALTIMORE	33	18	40	9	25	-8	.7	0	.6	3.0	46	2.1	68	83	53	0	6	3	1
SALISBURY	36	16	52	8	26	-9	2.2	1.4	2.0	5.8	80	4.8	137	100	63	0	6	3	1
MA BOSTON	37	23	54	13	30	1	1.7	.8	.9	4.7	55	3.5	85	85	53	0	6	4	2
CHATHAM	38	26	51	16	32	2	.8	-.2	.5	4.0	42	2.4	53	—	—	0	6	3	1
MI ALPENA	19	0	28	-12	9	-7	.5	.1	.5	4.0	110	1.4	82	89	57	0	7	3	0
DETROIT	25	7	43	-4	16	-7	.6	.2	.3	3.1	71	1.6	84	86	59	0	7	3	0
FLINT	23	4	38	-9	13	-8	.5	.1	.3	2.8	78	1.5	94	90	65	0	7	3	0
GRAND RAPIDS	22	7	35	-1	15	-7	.8	.5	.6	3.7	81	1.7	85	91	60	0	7	6	1
HOUGHTON LAKE	17	-1	25	-18	8	-8	.6	.4	.6	3.5	102	1.4	93	88	60	0	7	3	1
LANSING	24	3	40	-5	13	-8	.7	.4	.5	2.6	66	1.3	72	89	65	0	7	4	0
MARQUETTE	14	-3	23	-10	6	-6	.4	0	.2	6.7	148	2.7	129	98	74	0	7	5	0
MUSKEGON	23	10	33	0	17	-5	.7	.2	.4	4.4	87	1.4	58	90	62	0	7	6	0
SAULT STE. MARIE	14	-10	22	-28	2	-10	.2	-.3	.2	5.3	110	1.9	83	88	62	0	7	5	0
MN ALEXANDRIA	12	-4	23	-23	4	-2	.4	.2	.2	2.3	144	1.0	111	88	69	0	7	3	0
DULUTH	10	-5	22	-23	2	-5	.2	0	.1	1.6	62	.8	67	97	66	0	7	3	0
INT'L FALLS	8	-11	24	-31	-1	-4	T	-.1	T	1.2	63	.7	78	86	58	0	7	1	0
MINNEAPOLIS	14	0	26	-18	7	-5	.3	.1	.2	2.2	126	.9	100	82	59	0	7	3	0
ROCHESTER	15	-1	26	-20	7	-5	.2	.1	.2	1.8	112	.6	75	87	68	0	7	4	0
MS GREENWOOD	60	33	73	17	47	2	T	-1.1	T	4.8	44	.9	17	78	31	0	4	0	0
JACKSON	61	33	74	18	47	1	0	-1.1	0	4.4	41	.8	15	85	36	0	3	0	0
MERIDIAN	58	29	74	14	44	-2	0	-1.1	0	5.5	51	1.2	24	90	33	0	3	0	0
MO CAPE GIRARDEAU	43	21	60	2	32	—	T	-.6	T	2.3	34	.6	20	82	47	0	6	1	0
COLUMBIA	44	18	63	-3	31	3	.3	0	.3	3.8	105	.4	25	73	39	0	6	1	0
KANSAS CITY	46	17	65	0	32	5	T	-.2	T	1.3	51	0	0	69	35	0	7	0	0
SAINT LOUIS	40	18	61	-1	29	-1	1.4	1.0	1.3	5.1	127	1.4	78	83	46	0	6	3	1
SPRINGFIELD	48	22	64	2	35	3	T	-.4	T	3.2	75	.1	6	68	36	0	5	0	0
MT BILLINGS	49	31	60	22	40	17	T	-.2	T	.6	31	.4	40	77	42	0	4	0	0
GLASGOW	30	17	42	8	24	14	.1	0	.1	.8	94	.3	60	93	79	0	7	2	0
GREAT FALLS	47	30	55	22	39	18	.1	.1	.1	.9	49	.5	50	82	53	0	4	3	0
HAVRE	37	22	49	17	29	16	.1	0	.1	.3	25	.2	33	92	72	0	7	1	0
HELENA	38	22	45	9	30	10	T	-.1	T	.7	52	.3	43	95	62	0	7	0	0
KALISPELL	33	19	38	2	26	5	1.1	.8	.5	3.0	93	2.3	135	97	80	0	5	5	0
MILES CITY	39	25	47	15	32	16	.1	-.1	.1	1.0	87	.5	83	90	68	0	7	1	0
MISSOULA	35	24	44	6	30	6	.3	0	.2	1.3	50	.9	60	97	68	0	5	4	0
NE GRAND ISLAND	45	17	63	1	31	9	T	-.1	T	.3	22	T	0	80	38	0	7	0	0
LINCOLN	43	14	60	-3	29	8	T	-.2	T	.4	28	T	0	75	34	0	7	0	0
NORFOLK	38	13	55	-8	25	7	T	-.1	T	.5	45	.1	20	81	43	0	7	1	0
NORTH PLATTE	51	20	63	9	36	13	0	-.1	0	.8	96	0	0	91	39	0	7	0	0
OMAHA	37	13	48	-7	25	5	T	-.2	T	.4	24	T	0	64	39	0	7	0	0
SCOTTSBLUFF	54	26	61	18	40	14	T	-.1	T	1.2	122	0	0	88	36	0	7	0	0
VALENTINE	41	19	54	3	30	10	T	-.1	T	.3	55	.1	33	83	55	0	7	0	0
NV ELY	51	26	61	16	39	13	.2	.1	.2	.9	61	.3	43	89	39	0	5	3	0
LAS VEGAS	66	41	69	37	54	7	.2	0	.2	.3	32	.2	40	63	27	0	0	1	0
RENO	57	28	64	21	43	9	T	-.3	T	1.0	38	.4	31	92	32	0	6	2	0
WINNEMUCCA	55	31	62	22	43	11	T	-.2	T	1.1	64	.3	33	88	35	0	5	1	0
NH CONCORD	35	15	54	3	25	5	2.5	1.9	1.5	6.3	100	4.7	162	93	47	0	7	3	2
NJ ATLANTIC CITY	35	14	52	2	25	-7	2.5	1.7	2.0	4.8	66	3.8	106	95	55	0	6	4	1
NM ALBUQUERQUE	61	30	65	24	45	9	T	-.1	T	.4	40	.2	50	55	18	0	5	1	0
CLOVIS	65	30	77	21	47	9	0	-.1	0	.2	15	T	0	62	27	0	4	0	0
ROSWELL	66	29	77	21	48	5	0	-.1	0	.4	73	.3	100	68	20	0	5	0	0
NY ALBANY	26	9	34	-4	18	-3	2.5	2.0	1.6	5.7	105	3.7	148	96	65	0	7	6	2
BINGHAMTON	22	8	33	-1	15	-6	1.4	.8	.6	4.9	88	2.7	104	91	68	0	7	4	2
BUFFALO	26	12	41	5	19	-4	.6	0	.5	7.7	118	2.8	90	91	67	0	7	4	0
NEW YORK	34	22	49	13	28	-4	2.6	1.9	2.3	5.1	74	4.5	141	84	52	0	6	5	1
ROCHESTER	26	11	38	3	19	-4	.5	-.1	.3	4.0	81	2.0	83	91	63	0	7	3	0
SYRACUSE	27	8	38	-3	17	-5	.9	.3	.4	4.6	78	2.8	104	97	65	0	7	6	0
NC ASHEVILLE	41	14	58	-2	28	-9	.1	-.7	.1	1.8	25	1.1	31	88	40	0	7	2	0
CHARLOTTE	44	21	60	5	33	-8	.2	-.7	.2	1.9	26	1.0	26	78	38	0	6	1	0
GREENSBORO	41	20	60	5	31	-8	.1	-.7	.1	2.2	31	.7	19	74	39	0	7	1	0
HATTERAS	48	29	65	19	39	-6	1.8	.7	1.7	6.4	68	5.7	116	90	48	0	5	3	1
NEW BERN	49	25	61	14	37	-7	.5	-.5	.5	3.9	50	3.3	79	96	41	0	6	2	1
RALEIGH	42	22	60	8	32	-8	.9	0	.9	3.2	47	2.4	65	86	42	0	6	1	1
WILMINGTON	50	27	61	15	39	-7	.5	-.3	.5	3.5	48	2.1	55	88	42	0	6	2	0
ND BISMARCK	23	10	37	-3	16	8	T	0	T	.7	67	.4	80	90	67	0	7	2	0
FARGO	12	-2	25	-19	5	0	.1	.1	.1	1.4	120	.9	150	86	67	0	7	2	0
GRAND FORKS	12	-7	25	-24	3	-1	.1	0	.1	.9	61	.6	75	88	68	0	7	2	0
WILLISTON	28	13	40	0	21	13	.1	-.1	.1	1.0	91	.4	67	92	68	0	7	2	0
OH AKRON-CANTON	27	12	47	0	19	-6	.4	-.1	.3	4.2	79	1.4	54	91	63	0	7	5	0
CINCINNATI	33	15	63	-1	24	-5	.1	-.5	.1	2.5	40	1.0	31	80	52	0	6	3	0
CLEVELAND	27	11	51	1	19	-6	.5	0	.3	4.9	92	2.2	85	95	65	0	7	4	0
COLUMBUS	32	16	57	1	24	-3	.2	-.4	.2	3.5	65	1.7	61	85	56	0	7	4	0

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

HEATING DEGREE DAY DATA WEEKLY SUMMARY
CLIMATE ANALYSIS CENTER-NMC-NWS-NOAA
ASSESSMENT AND INFORMATION SERVICES CENTER-NESDIS-NOAA

LAST DATE OF DATA COLLECTION PERIOD IS 2- 1-1986
ACCUMULATIONS ARE FROM JULY 1
-999 = NORMAL LESS THAN 100 OR RATIO INCALCULABLE

STATE CITY	CALL	WEEK TOTAL	WEEK DEV FROM NORM	WEEK DEV FROM L YR	CUM TOTAL	CUM DEV FROM NORM	CUM DEV FROM L YR	CUM DEV FROM NORM PRCT	CUM DEV FROM L YR PRCT
AL BIRMINGHAM	BHM	178	26	-19	1733	-105	14	-6	1
AL MOBILE	MOB	122	18	4	1070	-63	-71	-6	-6
AL MONTGOMERY	MGM	158	28	22	1409	-80	103	-5	8
AK ANCHORAGE	ANC	275	-77	46	5966	-515	366	-8	7
AK BARROW	BRW	358	-12	55	10938	-253	170	-2	2
AK FAIRBANKS	FAI	476	-50	126	8323	-578	401	-6	5
AK JUNEAU	JNU	217	-75	-5	5155	-181	196	-3	4
AK KODIAK	ADQ	205	-31	46	4779	-149	590	-3	14
AK NOME	OME	359	-58	101	7221	-763	133	-10	2
AZ FLAGSTAFF	FLG	182	-70	-143	3731	-289	-430	-7	-10
AZ PHOENIX	PHX	11	-70	-95	535	-410	-293	-43	-35
AZ PRESCOTT	PRC	124	-71	-124	2394	-390	-405	-14	-14
AZ TUCSON	TUS	18	-74	-109	791	-289	-353	-27	-31
AZ WINSLOW	INJ	155	-61	-87	2709	-290	-108	-10	-4
AZ YUMA	YUM	8	-52	-75	351	-323	-305	-48	-46
AR FORT SMITH	FSM	158	-28	-104	2175	-54	-34	-2	-2
AR LITTLE ROCK	LMI	155	-15	-101	1929	-104	-142	-5	-7
CA BAKERSFIELD	BFL	58	-46	-102	1474	100	-181	7	-11
CA EUREKA	EKA	55	-64	-79	2345	-249	58	-10	3
CA FRESNO	FAT	64	-59	-86	1429	-248	-258	-15	-15
CA LOS ANGELES	LAX	28	-35	-65	508	-293	-304	-37	-37
CA RED BLUFF	RBL	81	-44	-47	1702	68	-146	4	-8
CA SACRAMENTO	SAC	77	-47	-61	1658	-17	-89	-1	-5
CA SAN DIEGO	SAN	25	-30	-47	472	-191	-128	-29	-21
CA SAN FRANCISCO	SFO	63	-45	-65	1584	-168	-71	-10	-4
CA STOCKTON	SCK	85	-39	-66	1751	88	-145	5	-9
CO DENVER	DEN	151	-91	-190	3580	103	-226	3	-6
CO GRAND JUNCTION	GJT	177	-82	-91	3265	-287	-47	-8	-1
CO PUEBLO	PUB	142	-93	-163	3538	237	73	7	2
CT BRIDGEPORT	BDR	260	8	-3	3013	2	133	0	5
CT HARTFORD	BDL	275	-3	-28	3553	-36	66	-1	2
DE WILMINGTON	ILG	276	38	19	2670	-227	-125	-8	-4
DC WASHINGTON	DCA	261	51	13	2311	-152	-51	-6	-2
FL APALACHICOLA	AQQ	123	32	32	844	-48	3	-5	0
FL DAYTONA BEACH	DAB	115	53	39	588	24	70	4	14
FL FORT MEYER	FMY	49	14	27	215	-72	-15	-25	-7
FL JACKSONVILLE	JAX	141	57	42	886	-43	-11	-5	-1
FL KEY WEST	EYW	20	6	19	67	-7	24	-999	-999
FL MIAMI	MIA	47	26	30	159	34	-5	27	-3
FL ORLANDO	MCO	90	41	27	429	4	-59	1	-12
FL TALLAHASSEE	TLH	152	54	54	1105	20	147	2	15
FL TAMPA	TPA	81	26	35	443	-30	-20	-6	-4
FL WEST PALM BEACH	PBI	57	30	31	206	44	-17	27	-8
GA ATLANTA	ATL	198	38	15	1635	-271	-79	-14	-5
GA AUGUSTA	AGS	196	57	57	1474	-177	52	-11	4
GA MACON	MCN	177	51	31	1419	-69	30	-5	2
GA SAVANNAH	SAV	161	56	43	1125	-139	1	-11	0
HI HILO-HAWAII	ITO	0	0	0	0	0	0	-999	-999
HI HONOLULU-OAHU	HNL	0	0	0	0	0	0	-999	-999
HI KAHULUI-MAUI	OGG	0	0	0	0	0	0	-999	-999
HI LIHUE-KAUAI	LIH	0	0	-1	0	0	-1	-999	-999
ID BOISE	BOI	196	-36	-171	4622	1156	330	33	8
ID LEWISTON	LWS	159	-58	-125	3918	629	301	19	8
ID POCATELLO	PIH	233	-44	-215	5053	888	204	21	4
IL CHICAGO	ORD	348	46	-35	4140	382	124	10	3
IL MOLINE	MLI	331	18	-66	4168	287	250	7	6
IL PEORIA	PIA	319	20	-51	3814	83	177	2	5
IL QUINCY	UIN	289	5	-72	3594	109	108	3	3
IL ROCKFORD	RFD	355	32	-52	4418	309	259	8	6
IL SPRINGFIELD	SPI	298	20	-51	3458	62	52	2	2
IN EVANSVILLE	EVV	260	30	-45	2847	-58	39	-2	1
IN FORT WAYNE	FWA	320	27	-9	3692	6	298	0	9
IN INDIANAPOLIS	IND	301	30	-28	3367	-7	204	0	6
IN SOUTH BEND	SBN	318	25	-28	3784	101	278	3	8
IA DES MOINES	DSM	302	-17	-66	4399	469	357	12	9
IA DUBUQUE	DBQ	378	38	-36	4981	612	691	14	16
IA SIOUX CITY	SUX	292	-39	-74	4565	354	383	8	9
IA WATERLOO	ALO	364	13	-48	4951	447	525	10	12
KS CONCORDIA	CNK	222	-50	-125	3555	155	-11	5	0
KS DODGE CITY	DDC	164	-76	-129	3240	167	76	5	2
KS GOODLAND	GLD	155	-101	-156	3693	94	-35	3	-1
KS TOPEKA	TOP	219	-44	-121	3379	95	57	3	2
KS WICHITA	ICT	185	-56	-106	3065	106	18	4	1
KY BOWLING GREEN	BWG	251	35	-47	2492	-168	-126	-6	-5
KY LEXINGTON	LEX	265	32	-26	2710	-187	-86	-6	-3
KY LOUISVILLE	SDF	255	30	-29	2611	-141	-42	-5	-2
LA ALEXANDRIA	AEX	78	-40	-73	1189	-109	5	-8	0
LA BATON ROUGE	BTR	77	-28	-54	1009	-117	-116	-10	-10
LA LAKE CHARLES	LCH	70	-28	-59	976	-80	-78	-8	-7
LA NEW ORLEANS	MSY	90	-3	-14	921	-68	-88	-7	-9
LA SHREVEPORT	SHV	89	-43	-97	1362	-127	3	-9	0
ME CARIBOU	CAR	361	-20	-32	5474	-38	102	-1	2
ME PORTLAND	PWM	269	39	-61	3936	-262	-154	-6	-4
MD BALTIMORE	BWI	276	52	20	2606	-162	-30	-6	-1
MD SALISBURY	SBY	270	60	15	2355	-207	-101	-8	-4
MA BOSTON	BOS	242	-10	-29	3098	-15	-104	0	-3
MA CHATHAM	CHH	229	-16	-47	2886	-236	-76	-8	-3
MI ALPENA	APN	385	43	36	4721	59	195	1	4
MI DETROIT	DTW	341	47	24	3804	26	125	1	3
MI FLINT	FNT	358	50	29	4080	84	339	2	9
MI GRAND RAPIDS	GRR	351	48	11	4094	150	295	4	8
MI HOUGHTON LAKE	HTL	394	51	33	4736	57	270	1	6
MI LANSING	LAN	360	52	10	4175	190	156	5	4
MI MARQUETTE	MQT	412	41	-24	5747	366	420	7	8
MI MUSKEGON	MKG	336	35	12	3971	100	143	3	4
MI SAULT ST MARIE	SSM	439	68	50	5311	144	146	3	3
MN ALEXANDRIA	AXN	423	13	-30	5795	381	305	7	6
MN DULUTH	DLH	435	29	-29	6282	549	651	10	12
MN INT'L FALLS	INL	462	17	-54	6691	415	321	7	5
MN MINNEAPOLIS	MSP	402	32	-21	5282	514	423	11	9
MN ROCHESTER	RST	402	29	-33	5524	632	613	13	12
MN SAINT CLOUD	STC	433	34	-20	5807	485	486	9	9
MS GREENWOOD	GWO	127	-19	-91	1595	-177	-129	-10	-7
MS JACKSON	JAN	124	-14	-53	1510	-47	-3	-3	0
MS MERIDIAN	MEI	146	12	-14	1557	-43	152	-4	11
MO CAPE GIRARDEAU	CGI	229	-1	-93	2591	-156	-173	-6	-6
MO COLUMBIA	COU	234	-23	-111	3210	49	-42	2	-1
MO KANSAS CITY	MCI	231	-34	-118	3494	265	61	8	2
MO SAINT LOUIS	STL	254	6	-66	2858	-165	-122	-5	-4
MO SPRINGFIELD	SGF	209	-19	-112	2861	15	15	1	1
MT BILLINGS	BIL	174	-121	-197	4434	212	-271	5	-6
MT GLASGOW	GGW	289	-99	-159	5791	490	27	9	0
MT GREAT FALLS	GTF	182	-128	-218	4942	422	-184	9	-4
MT HAVRE	HVR	249	-116	-202	5361	190	-419	4	-7
MT HELENA	HLN	243	-70	-174	5583	753	194	16	4
MT KALISPELL	FCA	272	-35	-129	5573	588	223	12	4
MT MILES CITY	MLS	228	-116	-215	5010	273	-343	6	-6
MT MISSOULA	MSO	248	-45	-116	5353	675	483	14	10
NE GRAND ISLAND	GRI	237	-64	-108	4071	132	100	3	3
NE LINCOLN	LNK	253	-55	-97	4001	121	138	3	4
NE NORFOLK	OFK	275	-49	-93	4418	178	299	4	7
NE NORTH PLATTE	LBF	204	-92	-154	4448	308	41	7	1
NE OMAHA	ON4	280	-23	-74	4183	400	267	11	7
NE SCOTTSBLUFF	BFF	172	-102	-177	4493	519	239	13	6
NE VALENTINE	VTN	244	-72	-131	4828	485	357	11	8
NV ELY	ELY	184	-72	-179	4382	20	-307	0	-7
NV LAS VEGAS	LAS	77	-53	-92	1339	-328	-440	-20	-25
NV RENO	RNO	153	-62	-102	3364	-156	-208	-4	-6
NV WINNEMUCCA	WMC	152	-79	-190	4031	276	-228	7	-5
NH CONCORD	CON	277	-38	-74	4171	-129	26	-3	1
NJ ATLANTIC CITY	ACY	282	47	14	2666	-208	-16	-7	-1
NM ALBUQUERQUE	ABQ	134	-67	-99	2451	-308	-547	-11	-18
NM CLOVIS	CVS	121	-70	-138	2425	-91	-313	-4	-11
NM ROSWELL	ROW	119	-38	-108	1911	-170	-469	-8	-20
NY ALBANY	ALB	329	21	17	3947	-43	259	-1	7
NY BINGHAMTON	BGM	348	40	33	4099	-40	287	-1	8
NY BUFFALO	BUF	320	26	1	3676	-112	-35	-3	-1
NY NEW YORK	LGA	257	24	10	2570	-203	9	-7	0
NY ROCHESTER	ROC	322	28	22	3825	69	310	2	9
NY SYRACUSE	SYR	330	29	36	3788	-27	-46	-1	-1
NC ASHEVILLE	AVL	258	62	37	2452	-147	-62	-6	-2
NC CAPE HATTERAS	HAT	183	40	13	1235	-264	-123	-18	-9
NC CHARLOTTE	CLT	224	56	15	1931	-152	-61	-7	-3
NC GREENSBORO	GSO	240	51	9	2219	-158	-54	-7	-2
NC NEW BERN	EWN	196	42	23	1444	-320	-102	-18	-7
NC RALEIGH DURHAM	RDU	232	57	26	1975	-196	-112	-9	-5
NC WILMINGTON	ILM	183	50	39	1299	-237	21	-15	2
ND BISMARCK	BIS	339	-60	-121	5745	338	67	6	1
ND FARGO	FAR	418	-1	-39	6024	485	430	9	8
ND GRAND FORKS	GFK	434	2	-21	6418	572	640	10	11
ND WILLISTON	ISN	309	-90	-139	5751	235	-283	4	-5
OH AKRON-CANTON	CAK	318	38	2	3536	-47	21	-1	1
OH CLEVELAND	CLE	320	40	8	3520	7	15	0	0
OH COLUMBUS	OMH	286	20	-24	3165	-192	-87	-6	-3
OH CINCINNATI	CVG	284	32	-19	3037	-102	59	-3	2
OH DAYTON	DAY	300	32	-27	3299	-57	-102	-2	-3
OH TOLEDO	TOL	333	39	-1	3715	-89	-6	-2	0
OH YOUNGSTOWN	YNG	326	39	7	3618	-125	16	-3	0
OK OKLAHOMA CITY	OKC	127	-69	-151	2344	-8	-145	0	-6
OK TULSA	TUL	152	-49	-128	2287	-84	-108	-4	-5
OR ASTORIA	AST	110	-51	-96	3072	203	4	7	0
OR BURNS	4BN	234	-12	-115	5423	1368	346	34	7
OR MEDFORD	MFR	120	-59	-93	2842	28	5	1	0
OR PENDLETON	PDT	195	-17	-72	4182	997	549	31	15
OR PORTLAND	PDX	148	-25	-62	2988	294	256	11	9
OR SALEM	SLE	136	-37	-89	3105	308	92	11	3
PA ALLENTOWN	ABE	304	38	26	3223	-159	157	-5	5
PA ERIE	ERI	321	31	9	3343	-362	-27	-10	-1
PA HARRISBURG	CXY	295	43	41	2976	-157	184	-5	7
PA PHILADELPHIA	PHL	275	37	17	2654	-225	-102	-8	-4
PA PITTSBURGH	PIT	312	42	17	3301	-174	4	-5	0
PA SCRANTON	AVP	322	42	28	3535	-122	194	-3	6
RI PROVIDENCE	PVD	242	-17	-40	3140	-166	-87	-5	-3
SC CHARLESTON	CHS	178	59	37	1213	-156	-94	-11	-7
SC COLUMBIA	CAE	208	68	45	1615	-71	-26	-4	-2
SC FLORENCE	FLO	191	51	27	1396	-227	-277	-14	-17
SC GREENVILLE	GSP	220	56	22	1952	-74	6	-4	0
SD ABERDEEN	ABR	368	-20	-79	5663	540	435	11	8
SD HURON	HON	345	-23	-59	5428	583	654	12	14
SD RAPID CITY	RAP	236	-66	-141	4828	588	464	14	11
SD SIOUX FALLS	FSD	346	-15	-71	5309	586	691	12	15
TN CHATTANOOGA	CHA	232	51	12	2025	-228	-122	-10	-6
TN KNOXVILLE	TYS	257	73	9	2262	-37	-44	-2	-2
TN MEMPHIS	MEM	170	-3	-80	1899	-146	-30	-7	-2
TN NASHVILLE	BNA	234	39	-41	2192	-151	-147	-6	-6
TX ABILENE	ABI	88	-57	-126	1672	-55	-290	-3	-15
TX AMARILLO	AMA	127	-74	-149	2674	69	-88	3	-3
TX AUSTIN	AUS	59	-49	-84	977	-207	-211	-17	-18
TX BROWNSVILLE	BRO	28	-15	-21	357	-70	-132	-16	-27
TX CORPUS CHRISTI	CRP	38	-32	-45	594	-272	-192	-11	-18
TX DEL RIO	DRT	60	-31	-59	982	-98	-183	-9	-16
TX EL PASO	ELP	129	-7	-29	1790	-17	-158	-1	-8
TX FORT WORTH	DFW	94	-42	-121	1552	41	-152	3	-9
TX GALVESTON	GLS	50	-34	-64	710	-95	-127	-12	-15
TX HOUSTON	IAH	50	-48	-78	857	-185	-143	-18	-14
TX LUBBOCK	LBB	111	-67	-125	2114	-117	-226	-5	-10
TX MIDLAND ODESSA	MAF	102	-41	-110	1740	-17	-315	-1	-15
TX BEAUMONT	BPT	55	-42	-50	845	-151	-13	-15	-2
TX SAN ANGELO	SJT	85	-45	-108	1461	-90	-370	-6	-20
TX SAN ANTONIO	SAT	57	-47	-70	953	-142	-185	-13	-16
TX VICTORIA	VCT	43	-41	-59	739	-120	-122	-14	-14
TX WACO	ACT	80	-46	-95	1321	-79	-160	-6	-11
TX WICHITA FALLS	SPS	106	-60	-145	1956	-4	-208	0	-10
UT BLANDING	4BL	181	-72	-118	3390	-232	-241	-6	-7
UT CEDAR CITY	CDC	158	-79	-135	3416	-59	-179	-2	-5
UT SALT LAKE CITY	SLC	212	-31	-127	3609	138	-14	4	0
VT BURLINGTON	BTV	373	30	6	4404	-116	162	-3	4
VA LYNCHBURG	LYH	254	44	24	2468	-147	166	-6	7
VA NORFOLK	ORF	238	59	19	1799	-219	-107	-11	-6
VA RICHMOND	RIC	258	62	29	2167	-247	-84	-10	-4
VA ROANOKE	ROA	259	54	24	2397	-233	10	-9	0
WA COLVILLE	63S	222	-50	-101	4693	374	-11	9	0
WA QUILLAYUTE	UIL	136	-41	-76	3457	151	-13	5	0
WA SEATTLE-TACOMA	SEA	124	-49	-87	3044	137	-3	5	0
WA SPOKANE	GEG	222	-39	-122	4867	766	281	19	6
WA WALLA WALLA	ALW	196	-7	-82	3929	981	446	33	13
WA YAKIMA	YKM	228	-13	-37	4640	932	430	25	10
WV BECKLEY	BKW	298	31	19	3025	-278	38	-8	1
WV CHARLESTON	CRW	263	39	-1	2427	-415	-135	-15	-5
WV HUNTINGTON	HTS	262	38	-12	2579	-259	-128	-9	-5
WV PARKERSBURG	PKB	285	47	5	2877	-81	127	-3	5
WI GREEN BAY	GRB	395	39	-14	4998	309	426	7	9
WI LACROSSE	LSE	389	38	-50	5014	533	411	12	9
WI MADISON	MSN	372	31	-54	4864	372	399	8	9
WI MILWAUKEE	MKE	351	31	-29	4315	164	230	4	6
WI WAUSAU	AUW	407	33	-15	5364	362	472	7	10
WY CASPER	CPR	175	-116	-245	4736	351	-172	8	-4
WY CHEYENNE	CYS	161	-107	-231	4258	161	-421	4	-9
WY LANDER	LND	262	-45	-131	5285	648	370	14	8
WY SHERIDAN	SHR	211	-97	-208	4775	200	-474	4	-9

National Agricultural Summary

January 27 to February 2, 1986

HIGHLIGHTS: Severe cold temperatures pushed through the upper Mississippi Valley and Corn Belt, reaching as far south as Florida early in the week. Temperatures warmed immediately following the cold outbreak which lessened the damage to crops and fruit. Florida's citrus received slushy ice, but there was very little foliage and tree damage. Most vegetables in Florida generally escaped fruit damage, but leafy vegetables in the Everglades and central areas received some outer-leaf tip burn. Winter wheat was mostly good. Warm temperatures eliminated most of the snow cover from the lower Corn Belt through the central Plains. However, light snow cover early in the week protected wheat from the bitter cold in the Corn Belt. Snow cover was inadequate in some areas of the northwest. Soil moisture was inadequate in most areas except the northeast and along the west coast. Livestock was mostly good. Warmth relieved stress and lessened the need for supplemental feeding.

SMALL GRAINS: Cold weather swept across the Corn Belt, but light snow cover gave most small grains ample protection. Warm temperatures later in the week continued melting snow, leaving most of the wheat in the lower Corn Belt, the central Plains, and portions of the northwest vulnerable to cold weather. In the major wheat producing areas of the Nation additional moisture is needed to continue growth.

Texas' wheat was fair to good. Warm weather helped wheat and other small grains make good growth. Grazed wheat needed rain to ensure regrowth. Dry weather restricted wheat growth in Oklahoma. Many areas have been without precipitation since mid-December, but the crop was good to fair. In Kansas, unseasonable warm temperatures promoted wheat growth. Nebraska's wheat was good to fair. The poorest wheat was in southeast Nebraska as a result of late planting and dryness. Snow cover protection on winter wheat diminished further in Montana with half now under poor cover. Oregon's winter grains were doing better with recent rains. Some freeze damage was evident. In Utah, snow melt and warm temperatures caused fall seeded grain to have a green cast in central areas of the State. California's small grains made good progress in response to warmer weather and rain. Rain saved desert dryland grains. Wheat seeding was winding down with most seeded.

OTHER CROP: Farmers continued harvesting corn and soybeans as the weather permitted. Corn and soybean harvest crept towards completion in Michigan. Corn harvest moved to 99 percent (%) completion, and soybeans harvest was completed. Corn harvest continued where possible in South Dakota, which brought total completed harvest to 95%. In Wisconsin, corn was 80% harvested, compared with 96% normally. Small amounts were harvested in the snow with most corn standing well in fields.

Warmth and dryness allowed farmers to till land as far north as Indiana. The open weather spurred land preparation in the Delta and Southeast with a few States now ahead of schedule. Cotton seedbed preparation continued in California and Arizona.

Tobacco seedbed preparation continued in the Southeast. In Soutn Carolina, tobacco bed seeding was completed. Kentucky's burley markets reopened as conditions for stripping improved. Dark-fired tobacco was marketed in Virginia.

FRUIT AND NUTS: Freezing temperatures hit Florida's citrus producing slushy ice in fruit. Very little foliage was damaged and no wood damage was apparent. Harvest was active in all areas. Limited supplies of Valencia oranges were available in Texas. Lemons, grapefruit, tangerines, and Valencia and Navel oranges were picked in Arizona. Apple pruning advanced in southeastern areas of the State. In California, wet orchards delayed fieldwork in the Sacramento Valley while dryness caused San Joaquin Valley fruit growers to irrigate orchards. Earlier-than-normal bud swelling in deciduous orchards caused concern about possible frost damage. Apricots were blooming in Riverside County. Desert lemon harvest neared completion. Navel orange harvest continued with ice marks, and rind defects were more prevalent in the San Joaquin Valley. Early almond varieties bloomed in scattered locations. Bees were moved into almond orchards to pollinate the crop.

VEGETABLES: Florida's vegetables suffered light to moderate damage from the freezing temperatures with lighter damage in the Dade County area. Most vegetables generally escaped fruit damage. Leaf crops in the Everglades and central areas received some outer leaf tip burn. Bloom loss on tomatoes, peppers, eggplant, and strawberries will lower supplies in late February. As the warm temperatures returned, spring planting and replanting increased in the southwest and north-central areas. Planting in Dade County and Pompano areas neared completion. Lettuce, broccoli, asparagus, and cauliflower harvests continued in Arizona. Spring lettuce planting was underway in Cochise County. California vegetable harvest consisted mostly of carrots, celery, lettuce, broccoli, cauliflower, and asparagus. Light strawberry harvest continued along the south coast.

PASTURES AND LIVESTOCK: Pastures were mostly fair. Cold temperatures and the lack of moisture slowed growth in the Southeast. However, warm temperatures melted snow, which allowed additional grazing in some Northern States. Livestock was mostly good.

State Summaries of Weather and Agriculture

These summaries provide brief descriptions of crop and weather conditions important on a national scale. More detailed data are available in Weather and Crop Bulletins published each Monday by SRS State Statistical Offices in cooperation with the National Weather Service.

ALABAMA: Rainfall totals none to 0.10 in. Temperatures averaged well above normal. Soil moisture normal.

Livestock, poultry conditions generally good.

ARIZONA: Warm, sunny weather through 29th. Two storm systems moved across State remainder of week, snow level around 7,500 ft. Precipitation 0.10 to 0.50 in., except 1.32 in. Tucson. Snow 2 in. above 8,000 ft. White Mountains. Average temperatures varied from 5 to 13° above seasonal normals.

Wheat, barley seedings 95%, 95% 1984, 100% avg. Stands look good. Cotton plowdown, stalk shredding slowed, mandatory plowdown dates expired. Ground preparation for 1986 cotton took place west. Alfafla continued to develop well. Growers sprayed for blue aphids west. Sheeping off was routine. Corn harvest virtually completed west. Lemons, grapefruit, tangerines, Valencia, Navel oranges picked. Apple pruning advanced southeast. Pecans shipped. Lettuce, broccoli, asparagus, cauliflower, Napa, Bok Choy, other mixed vegetables packed Yuma. Salt River Valley cauliflower, broccoli, Romaine, carrots, cabbage, spinach, radishes, beets, other mixed vegetables shipped. Broccoli harvest Eloy began while Rapini completed. Spring lettuce planting underway Cochise County. Potato planting Salt River Valley advanced. The 1986 dry onion crop progressed. Range feed supplies below seasonal average, except higher elevations. North cattle, sheep fair to good condition. Stockwater supplies adequate, soil moisture below average. Livestock good condition central, southeast. Soil moisture, stockwater supplies adequate. Light insect damage to ranges east central areas.

ARKANSAS: Generally warm except for a brief cold wave early week. Temperature extremes 2°; 76°. Rainfall none to 0.13 in.

Land preparation continued. Wheat, oats average condition. Livestock good. Pastures providing adequate amount of hay.

CALIFORNIA: Warm temperatures most of State gave way midweek to a series of storms. Generous rain over entire State with snow levels moving from 5,000 to 10,000 ft. near week's end.

Small grains made good progress, response to warmer weather, rain. Wheat seeding winding down with most seeded. Rain saved desert dryland grains. Some green chopping and silage cut early forage crops. Some cotton, heavy soils still unharvested. Pre-irrigation, land preparation continued spring crops. Some alfalfa hay cut Imperial Valley. Sheeping off many alfalfa fields. Apricots blooming Riverside County. Avocado harvest continued southern areas. Pruning, brush clearance, spraying main activities Sacramento, San Joaquin Valleys. Wet orchards delayed fieldwork Sacramento Valley while southern San Joaquin Valley growers irrigated. Deciduous trees showed bud swelling - early than normal. Possible frost damage a concern. Pear growers sprayed dormant oil to control psylla, mites. Harvest of desert lemons neared completion. Navel orange harvest continued - ice mark and rind defects more prevalent San Joaquin Valley. Some Navel droppage persisted. Bees moved into almond orchards to pollinate crop. Early almond varieties bloomed scattered locations. Asparagus harvest increased desert. Broccoli harvest heavy desert, light to moderate other areas. Carrot harvest increased desert. Cauliflower harvest active desert, light to moderate other areas. Celery harvest fairly heavy southern areas. Lettuce harvest heavy Imperial Valley, light Palo Verde Valley. Packing fall potatoes active Tulelake-Butte Valley. Digging winter potatoes southern State. Light strawberry harvest continued south coast. Planting market and processing tomatoes southern areas, San Joaquin Valley. Range conditions improved, warmer temperatures and good rains received during week. Stock pond water levels improved. Supplemental feeding continued most districts. Calving, lambing active.

COLORADO: Dry, unseasonably warm weather continued throughout State. Only preciptiation a few light snow showers mountains and southwest portion of State. Average temperatures mostly 5 to 10° above normal west of Continental Divide and 10 to 15° east.

Warm temperatures continued to dry topsoil. Wheat mostly good condition. Major activities care and feeding of livestock.

FLORDIA: Very windy, much colder first of week. Major freeze 28th with temperatures teens north, low to mid 20s central, to mostly upper 20s to lower 30s south. Widespread, locally heavy frost 29th; with 20s mostly north, central; mid 20s to low 30s south except mid 30s lower east coast. New record lows established both mornings. Warm-up latter half of week with much above normal temperatures afternoon weekend. Little or no rainfall except a few weekend sprinkles east coast.

Soil moisture generally adequate. Winter forage progress slowed by insects, adverse weather. Land preparation active, sugarcane harvest active. Young cane severely damaged from freeze, but expected to grow out rapidly as temperatures warm. Freezing temperatures frost burned permanent pastures Lower Peninsula that escaped earlier frosts more northern area. Forage growth statewide limited by cold but above normal late week temperatures stimulated winter pastures. Conditions ranged from mostly poor to fair statewide. Cattle remained good condition some areas with adequate feed supplies. Other herds fair condition. Freezing temperatures, 28th produced slush ice 65 percent of sample orange groves. Very little foliage damage. No wood damage. Harvest very active all areas. Severe cold front moved over vegetable areas 27th, 28th, 29th. High winds accompanied advancing front. Temperatures dropped to 20s, 30s, 28th, 29th with heavy frost Dade County 29th. Light to moderate damage all areas but with lighter damage Dade County where much acreage survived the cold, frost. Harvest activity declined as a result of cold. Leaf crops Everglades and central areas received some outer leaf tip burn, crop generally fair to good condition. Salvage operations of tender crop of snap beans, cucumber and squash will provide declining supply for next week. Bloom loss on tomatoes, pepper, eggplant and strawberries will lower supplies late February. Current acreage most vegetables generally escaped fruit damage, quality generally good. Plant growth slowed. Warm temperature returned, weekend. Spring planting, replanting activity increased southwest, north central areas. Planting Dade, Pompano nearing completion.

GEORGIA: Temperatures well below normal start of period, well above normal end of period. Minimum temperatures morning 31st 2° below zero Clayton and Blairsville, single digits elsewhere across north. Central and south lows in low and mid teens 31st. Maximum temperatures 4th and 5th afternoons reached 70s. Warmest readings 77° Bainbridge and Claxton. Average temperatures for week mid and upper 30s north, low and mid 40s central and upper 40s south; averaged 3 to 5° below normal. Only few isolated light showers.

Soil moisture short north; adequate north central, central, southeast, southwest. Main activities: Land preparation; small grains topdressing north central, southeast, southwest; tobacco bed preparation southwest, complete southeast. Small grains 9% fair to mostly good. Extreme cold temperatures slowed growth, central. Some damage to onions, southeast, too early to assess extent of damage. Pastures poor to good. Cattle fair to mostly good. Hogs good.

HAWAII: Weather conditions generally dry which enabled crops to make fair progress. Winds variable, 5 to 15 mph. Islands touched by trailing ends of a few shower bands which brought light rainfall to isloated crop growing areas. Banana orchards fair conditons, harvesting active. Papaya production on a seasonal increase. Vegetable supplies light to moderate, cool temperatures slowing growth.

IDAHO: High pressure with near normal temperatures early week with no precipitation until 29th. Low pressure trough 29th brought moist southwesterly air over State. Remainder of week saw weak frontal systems with period of rain valleys and snow mountains. Temperatures above normal remainder of week.

Farm activity remaind limited due to wet conditions. General maintenance and livestock care continue to be center of activity. Livestock condition remains good with adequate feed supplies.

ILLINOIS: Temperatures 3 to 6° above normal. High temperatures 30s north to mid 40s south. Precipitation northern third 0.10 to 0.30 in.; central none; southern third 0.50 to 5.30 in.

Winter wheat mostly good condition. Livestock good to fair.

INDIANA: Temperatures averaged 1 to 2° below normal to near normal south. Lows below zero all but southern most areas. Precipitation 1.00 to 3.00 in. south, 0.10 to 0.30 in. elsewhere.

Field dried enough to allow some tilling. Other activities included: Spreading fertilizer and manure, cleaning fence rows, repairing and maintaining equipment, making plans for 1986, buying seed and fertilizer, caring for livestock and usual chores. Wheat is brown but considered relatively good condition.

IOWA: Dry week with near-seasonal temperatures. Early week coldness to -16°. Mason City on 27th, moderating late week to highs of 45° Shenandoah, Lamoni. Snow cover decreased to northern most northeast counties.

Late row crop harvesting made significant progress. Livestock condition good under little stress.

KANSAS: Little to no preciptiation. Temperatures averaged 43 to 44° west and south, 36 to 38° northeast ranging 9° above normal east central to 14° above normal northwest.

Unseasonably warm temperatures promoted wheat growth. No snow cover and dry topsoil leaf wheat vulnerable to freeze damage. Some soil blowing, field stripping done as preventive measure. Calving, lambing conditions ideal; good livestock gains.

KENTUCKY: Cold early with light snow, amounts ranged trace to 6 in. extreme southeast. Temperatures well below normal 31st. Average temperatures slightly below normal with extremes slightly below zero to 60s. Warming trend continued thru weekend. Frontal system produced rain most sections, rainfall amounts ranged from less than 0.25 in. to slightly above 3.00 in. Soil temperatures 4 in. depth averaged 30s.

Precipitation welcome many areas, some flooding of bottom land. Little field activity but talk of early spring. Burley markets reopening as stripping conditions improved. Livestock satisfactory condition.

LOUISIANA: Temperatures averaged 1° below normal to 4° above normal. Temperature extremes 21° Clinton, 78° Baton Rouge and Rosepine experiment station. Very little rain fell statewide, with only spotty, light rain and isolated afternoon showers accompanying a weak cold front. Heaviest rainfall only 0.10 in. Crowley experiment station on 1st.

Main activities: Routine winter chores, caring for livestock.

MARYLAND & DELAWARE: Maryland: Temperatures 5 to 8° below normal; highs mostly 40s to 50s; lows -4° extreme west to 12° southern counties west of bay. Precipitation averaged 1.55 in., range from 0.22 to 2.88 in.

Fieldwork 4.5 days suitable. Topsoil moisture adequate; subsoil moisture adequate. Small grains fair to good condition all areas since moisture increased south. Main activities: Spreading manure, stripping tobacco, repairing machinery, working on books.

Delaware: Temperatures 5 to 6° below normal; lows 5 to 10°; highs mid 40s to mid 50s. Precipitation averaged 2.65 in.; range 2.38 to 2.86 in.

Fieldwork 3.8 days suitable. Topsoil moisture adequate; subsoil moisture adequate central and north, short south. Small grains fair to good. Main activities: Spreading manure, cleaning chicken houses, cutting wood, repairing machinery.

MICHIGAN: Bitterly cold winter week across State. Temperatures averaged 6° below normal. Moderate to heavy amounts of snow across State. Freezing rain caused havoc across much of southern Lower Peninsula on 1st.

Corn 99% harvested, 100% 1984, 100% avg. Soybeans 100% harvested, 100% 1984, 100% avg. Corn and soybean harvest inched toward completion. Other major farm activities for week include hauling manure, marketing grain, cutting wood, pruning of grapevines and apple trees. Livestock remain good condition. Feed supplies remain adequate. Heavy snow cover remains over Upper Peninsula and western and northern portion of Lower Peninsula. Snow cover remains light southern Lower Peninsula. Small grain good.

MINNESOTA: Moderate snowfall as temperatures rose from well below normal to well above normal. Temperatures averaged 3° below normal to 3° above normal. Temperature extremes -32°; 36°. Precipitation averaged 0.12 in. below normal to 0.09 in. above normal. Greatest weekly total 0.48 in. Snow depth weeks end averaged 5 to 20 in.

Farm activities limited to livestock maintenance, snow plowing, bookkeeping. General snow cover kept winter-dormant grains well protected.

MISSISSIPPI: Temperatures below normal early week, above normal late. Extremes 6°; 77°. Greatest 24-hour rainfall 0.05 in.

Fieldwork 5.8 days suitable. Soil moisture adequate to short. Land preparation well ahead of schedule. Livestock, pasture conditions good to fair. Wheat condition fair. Supplies of hay and feed grains adequate.

MISSOURI: Temperatures ranged slightly above normal southeast to 4° above normal across rest of State. Driest January on record; only Bootheel area had precipitation of 0.10 in. Precipitation averaged around 1.30 over southeastern part; still over 2.00 in. below normal for month. Heavy rainfall over weekend east central, central caused many smaller streams to become bankful.

Topsoil moisture supply 28% short, 63% adequate, 9% surplus. Wheat 9% poor, 72% fair, 9% good. Supply of hay and roughage 60% adequate, 40% surplus. Livestock losses, cattle 91% normal, 8% moderate, 1% severe; hogs 90% normal, 10% moderate. General condition of livestock 19% fair, 78% good, 3% excellent.

MONTANA: Temperatures mild. Some areas a few degrees cooler than previous week. Southern and central areas warmer. Temperatures 5° above normal west, 10 to 20° above elsewhere. Precipitation west of Divide mostly moderate from less than 0.10 in. to well over 1.00 in. north. Elsewhere precipitation light to none. Some of north central and northeast around 0.10 in. Some freezing rain 29th, 30th.

Snow cover protection on winter wheat diminished further, more than half under poor cover. Winter wheat 6% poor, 47% fair, 47% good. Hay, roughage supplies short. Mild weather, reduced snow cover extending hay, roughage supply.

NEBRASKA: Warm; average temperatures ranged from 8 to 16° above normal. No measurable precipitation.

Winter wheat 5% poor, 31% fair, 53% good, 12% excellent. Topsoil dry statewide. Poorest conditions wheat southeast from late planting and dry conditions. Limited corn harvesting Panhandle, north central, northeast. Few fields unharvested. Bookkeeping, tax preparation, maintenance and repair of equipment, building, fencing. Livestock care. Cattle grazing stalks reduced for demand supplemental feeding. Hay, forage and feed grain supplies adequate or above except northwest. Calving and lambing underway.

NEVADA: Strong high pressure ridge dominant throughout most of January showed signs of weakening end of period. Pacific front penetrated western ridge bringing moisture into southern and eastern areas. Series of fast moving fronts brought snow to Sierras and western sections. Temperatures continued to run unseasonably mild until end of week when snow storms prevalent.

Snowstorms with driving wind hard on newborn calves, lambs. Feeding requirements livestock increased with colder, inclement weather. Marketing potatoes continued sluggish.

NEW ENGLAND: Week of large contrasts in temperature and precipitation; mild over eastern New England with temperatures averaging normal to 7° above normal, Maine temperatures 7° above normal, western New England ran between 1 to 6° below normal. Precipitation above normal most areas; 3.00 to 3.50 in. fell over central New England, remainder of New England between 1.25 to 3.00 in.

Normal winter farm activities, moving apples and potatoes from storage. Livestock condition good.

NEW JERSEY: Temperatures below normal, averaging 2° north, 2° south, 2° coastal. Extremes 2°; 61°. Precipitation below normal, averaging 0.27 in. north, 0.31 in. south, 0.34 in. coastal. Heaviest 24-hour total 0.50 in. 1st, 2nd. Heaviest 24-hour snowfall 3 in. 27th, 28th.

Farm activity very limited. Most activity centered around caring for livestock, repairing machinery and tending to other normal winter chores.

NEW MEXICO: Average weekly temperatures well above normal. Temperatures 9° northwestern Plateau, western mountains, central valley, highlands to 7° southeastern Plains. Precipitation none many areas to 0.21 in. northwestern Plateau, western mountains.

Days suitable for fieldwork 7.0. Soil moisture 93% short, 7% adequate. Barley 33% fair, 67% good. Irrigated wheat 20% fair, 80% good; dryland wheat 20% poor, 80% fair. Onions 100% good. Lettuce 100% good. Cattle 31% fair, 69% good. Sheep 30% fair, 70% good. Range 23% poor, 77% fair.

NEW YORK: Major storm brought heavy precipitation to eastern areas beginning week. Champlain Valley, northern Hudson Valley some communities received more than 3 ft. of snow. Southern Hudson Valley and coastal divisions got all rain. Second weaker storm arrived after midweek while a third system finished off week. St. Lawrence Valley and three Western Divisions received less than an 1.00 in. of water. Champlain, Hudson Valleys received 2.32 in., 2.16 in. respectively. Warmest community Bridgehampton with a high of 53°. Newcomb coldest with a low of -23°.

Farmers across State watching snow stressed barn and storage roofs for signs of collapsing, thawing pipes and getting feed to snow confined stock. Planning for next season's plantings been delayed, while farmers attend to more immediate storm caused problems addition to their routine farm chores.

NORTH CAROLINA: Temperatures averaged 12° below normal Mountain Region, 10 to 11° below normal Piedmont Region, and 9° below normal Coastal Plain Region. Precipitation both as rain and snow, ranged from 0.14 to 1.85 in.

Days suitable for fieldwork 3.7. Soil moisture 4% very short, 30% short, 61% adequate, 5% surplus. Condition: Wheat 2% poor, 47% fair, 51% good. Oats 52% fair, 48% good. Barley 57% fair, 43% good. Rye 2% poor, 54% fair, 44% good. Pasture 10% poor, 61% fair, 29% good. Supplies: Feed grians 2% short, 93% adequate, 5% surplus. Hay, roughage 3% short, 93% adequate, 4% surplus. Activities: Topdressing small grains, preparing tobacco beds, testing soils, pruning fruit trees, tending livestock, cutting firewood, tax preparation, machinery repair and other farm maintenance.

NORTH DAKOTA: Temperatures averaged 6 to 11° above normal west, normal to 2° below normal east. Highest temperature reported 46° 28th. Grand Forks reported lowest temperature of week with -24° 27th. Precipitation amounts below normal except southwest and southeast. Most of State received around 0.10 in. of liquid precipitation. LaMoure received 0.63 in. total for week. Average snow cover 6 in. statewide, versus 4 in. last year.

Mild January helped stretch hay supplies, especially western part of State where diminishing snow cover opened some grassland. Snow cover still sufficient to provide adequate cover for 84% of winter wheat stands. Reports of spoilage and insect damage becoming more frequent as snow and high humidity present storage problems. Livestock rated mostly fair to good as calving and lambing season got underway.

OHIO: Temperatures variable. Extremes 60s to below zero. Average 2 to 4° below normal. Precipitation widespread, light snow early period. Snow cover depleted mild temperatures and warm drizzle late. Water equivalent 0.10 to 0.25 in. Light snow cover provided some protection to winter wheat during cold weather with low wind chills.

OKLAHOMA: Temperatures averaged 5° above normal southeast third to 11° above normal Panhandle. Precipitation averaged none most areas to 0.71 in. southeast.

Topsoil moisture 90% short, 10% adequate. Subsoil moisture 30% short, 70% adequate. Wheat 1% poor, 43% fair, 50% good, 6% excellent. Dry weather restricted growth. Many localities without precipitation since mid-December. Over 45% wheat acreage grazed. Livestock 2% poor, 27% fair, 70% good, 1% excellent. Mild winter limited supplemental feeding. Hay supplies 50% surplus, 50% adequate.

OREGON: Temperatures continued above normal across State. Highest departures 7° above normal along coast, 9° above normal southwest and northeast. Heaviest precipitation 1.50 to 3.70 in. along coast and coast range. Other areas received less than 1.00 in.

Snow cover melted, except highest elevations east. Winter grains, grass seeds doing better with recent rains. Some freeze damage now evident. Pruning underway on fruits, berries. Moderate weather eased eastern feed supply availability. Western pastures showing growth, not yet providing much feed. Calving started, lambing continued. Livestock mostly fair to good.

PENNSYLVANIA: Coldest week this year. Average temperature of 20°, 7° below normal. Precipitation beginning, end of week. Average precipitation 0.63 in., normal 0.62 in.

Activities for week: Caring for livestock, normal winter chores. Monitoring of poultry [illegible] for Avian Influenza continued.

PUERTO RICO: Island average rainfall 0.60 in., 0.02 in. above normal. Highest weekly total 2.19 in. Highest 24-hour total 1.87 in. Temperature averaged about 74° coasts, 68 to 70° interior divisions. Mean station temperature ranged from 62 to 76°. Extreme 52°; 90°. Total rainfall 0.09 in., minus 0.49. in.

SOUTH CAROLINA: Extremely cold weather beginning of week set new daily temperature records many locations. Lowest temperature readings since January 21, 1984. Light snowfall over eastern areas on 27th. Above normal temperatures over weekend.

Upstate small grains experienced some freeze damage eastern and southern areas reported little or no damage. Tobacco seedbed planting complete some counties although tobacco program still uncertain. Other farm activities include pruning fruit trees, caring for livestock and poultry, equipment maintenance, preparing tax records.

SOUTH DAKOTA: Average temperatures ranged from 5° below normal northeast to 10° above normal southwest. Extremes -21°; 65°. Precipitation light statewide. Snow depths ranged from less than 4 in. west and south to 6 to 12 in. north central.

Corn harvest continued where possible. Corn 95% harvested, 100% 1984, 100% avg. Livestock continued good condition. Feed supplies short west.

TENNESSEE: Coldest winter weather yet entire State through midweek. Lowest temperatures -6° east. Some snow east. Temperatures rebounded to unseasonably warm during weekend. Average temperatures; above normal west, 10° subnormal east. Precipitation ranged 0.25 in. east; 2.00 in. northwest.

TEXAS: Week started cool, but warm readings quickly developed with full return southerly winds. January no measurable precipitation Dallas-Fort Worth, no freeze at Austin. Upper level high pressure beginning to weaken by February 1. Scattered showers developed along low pressure distrubance High Plains, spreading east Rolling Plains, southwest. Moisture light High Plains, storm intensity increased quickly Cross-Timbers, sections Blackland. Temperatures warmer than normal. Only significant rainfall 2nd Edwards Plateau into Cross-Timbers, Blacklands. Isolated heavier amounts north, southwest Dallas-Fort Worth help break long dry spell. No measurable rainfall High Plains, Lower Valley, much of east.

Crops: Wheat 17% poor, 38% fair, 38% good, 7% excellent. Warmer weather helping wheat, oats make good growth; fields being grazed need rain ensure regrowth. Irrigation continued Plains. Some stockers moved off small grain pastures because decline regrowth. Greenbug activity increasing Blackland. Growth also slow this area. Some oat fields Cross-Timbers severely damaged by earlier cold spells, now lack of moisture. Central, south fields currently look good, additional moisture ensure further growth, topdressing almost complete.

Commercial Vegetables: Rio Grande Valley harvest broccoli, cabbage, carrots, other greens moved along good pace. Humid mornings, heavy dew delayed daily starting time melon planting. Onions good progress, because mild conditions, harvest could be three to four weeks early. Limited supplies Valencia oranges available. San Antonio- Winter Garden, spinach, carrots, cabbage, broccoli harvest continued. Good growing conditions other vegetables, onions. Melon planting underway. East land preparation spring planting continued.

Range and Livestock: Ranges, pastures continued suffer lack moisture most State. Small grain pastures declining because slow regrowth. Many stockers pulled off set of action. Livestock feeding continued. Mild weather helped keep body conditions steady. Early lamb, calf crops look good. Minimal predator problems Hill Country.

UTAH: Highly variable precipitation over northern mountains, ranging from trace to more than 1.00 in.; rest of State, mostly none with light amounts few isolated stations. Mean temperatures averaged about 8° above normal, except slightly below normal Uintah Basin. Individual stations ranged from 1° below to 11° above normal.

With snow melt and warmer temperatures, fall seeded grain fields have green cast central areas. January weather easy on livestock and feed supplies over most of State. Farmers doing routine winter chores, attending conventions.

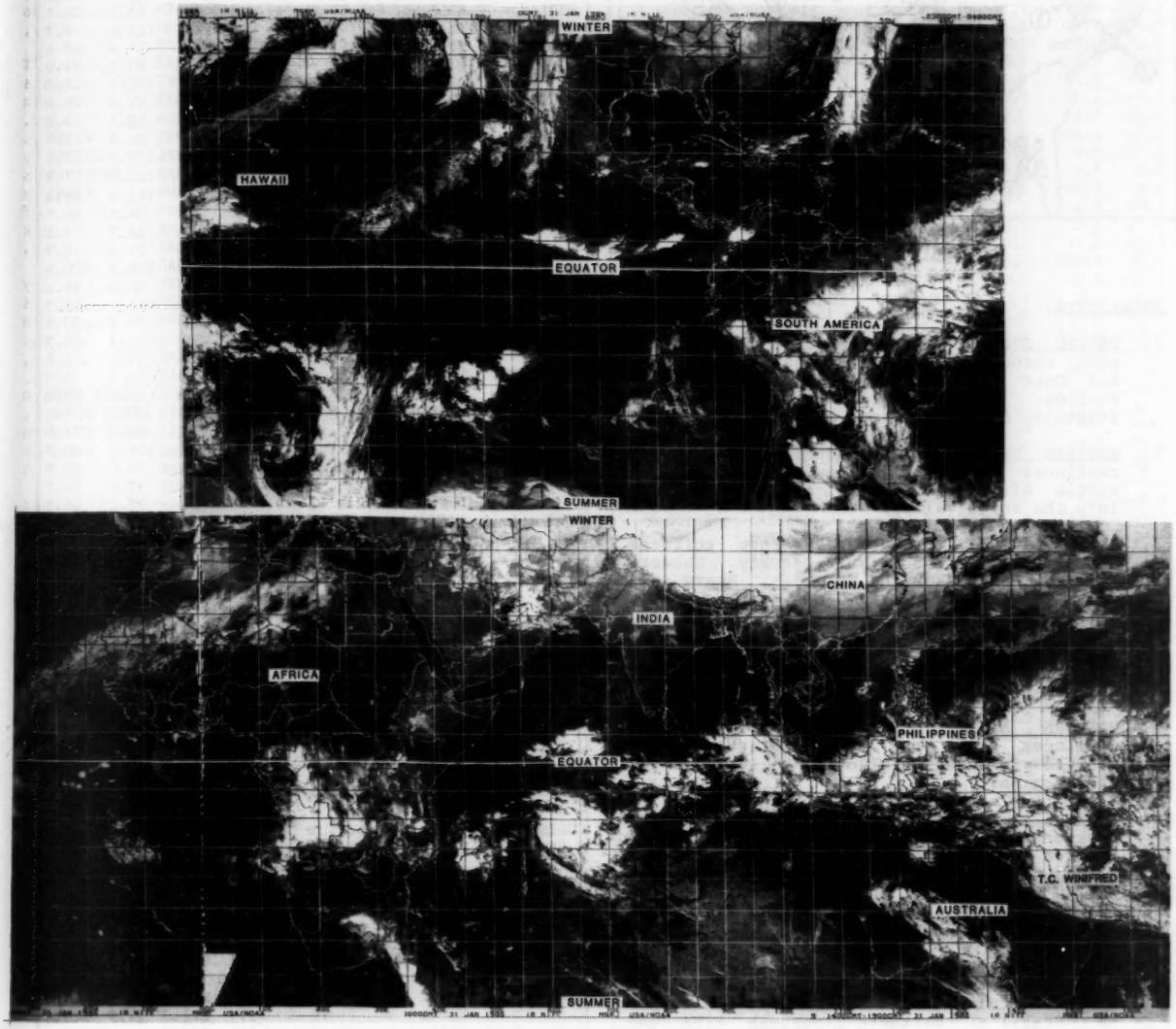
VIRGINIA: Wet conditions prevailed beginning and middle of period. Temperatures averaged about 9° below normal eastern and central areas. Temperatures averaged about 16° below normal southwestern areas. Precipitation amounts averaged above normal. Most precipitation central and eastern sections. Precipitation totals ranged from 0.14 to 2.05 in. Maximum temperature extreme of 58° Norfolk. Minimum temperature extreme of -10° Blacksburg. Snow prevalent middle part of period.

Days suitable for fieldwork averaged 1.6. Topsoil moisture 14% short, 65% adequate, 12% surplus. Field preparation halted some parts State by snow. Winter grains and grazing crops good to excellent condition. Feed supplies adequate although weather forced decrease pasture utilization. Livestock reported good to excellent condition. Calving and lambing continued. Tax preparation, firewood cutting, other normal winter chores also reported. Dark-fire tobacco markerting continued.

(Continued to back cover)

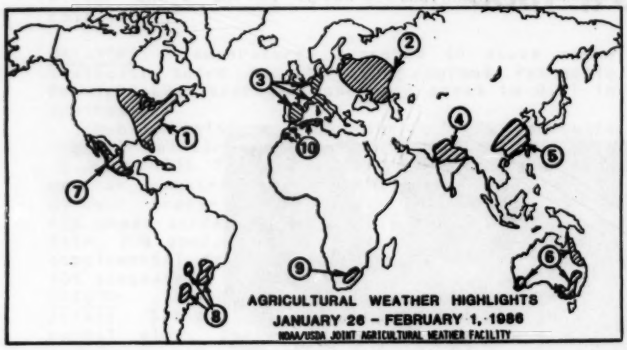
GLOBAL WEATHER SATELLITE IMAGE

January 31, 1986



International Weather and Crop Summary

January 26 – February 1, 1986



HIGHLIGHTS:

1. UNITED STATES ... Severe cold temperatures push through the Upper Mississippi Valley and Corn Belt, reaching as far south as Florida. Temperatures warm immediately, lessening damage to crops and fruit.

2. WESTERN USSR ... Unseasonable warm weather continues over the region. By week's end, arctic air from Siberia slipped westward into the Volga Valley.

3. EUROPE ... Drier weather relieves persistent wetness in West Germany. Showers benefi winter grains in Spain. Heavy rain in southeastern France and northern Italy likely causes localized flooding.

4. SOUTH ASIA ... Light showers in the Ganges Plain benefit nonirrigated wheat in the heading stage.

5. EASTERN ASIA ... Mild winter weather continues in the winter wheat region. Showers improve preplanting moisture in the rice region.

6. AUSTRALIA ... Dry, hot weather covers the southeast while Tropical Cyclone Winifred damages some of the northeastern sugarcane.

7. MEXICO ... Light showers fall over the northwest, the Southern Plateau corn belt, and the Yucatan Peninsula.

8. SOUTH AMERICA ... Widespread rain eases severe drought stress over southern Brazil. Rain maintains favorable growing conditions in Brazil's northern soybean area and Argentina's major summer crop area.

9. SOUTH AFRICA ... Rainfall decreases, but light showers and moderate temperatures maintain adequate moisture for corn in the reproductive stage.

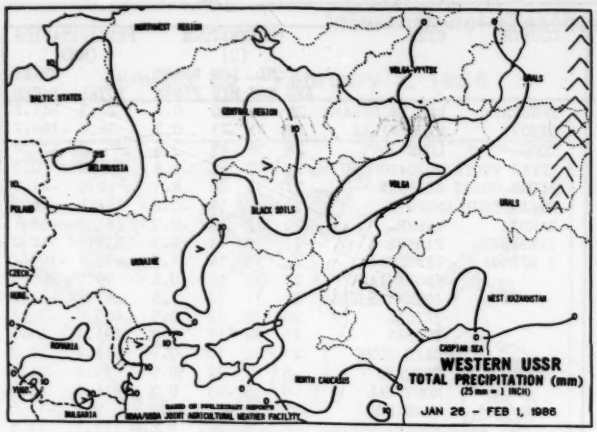
10. NORTHWESTERN AFRICA ... Widespread showers in Morocco and Algeria benefit winter grains. Light rain in Tunisia brings little relief from drought conditions.

JANUARY 1986
MONTHLY DATA FROM SELECTED FOREIGN CITIES
CLIMATE ANALYSIS CENTER-NMC-NWS-NOAA
*** = DATA NOT AVAILABLE

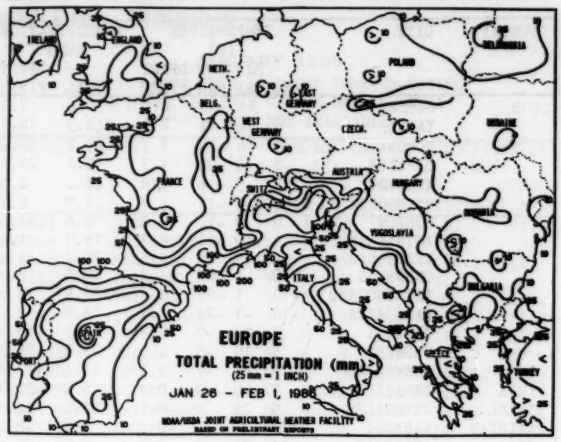
COUNTRY	CITY	TEMPERATURE (C)				PRECIPITATION (MM)	
		AVG	HI MAX	LOW MIN	DPART F/NRM	TOTAL	DPART F/NRM
NORWAY	OSLO	-11	1	-30	-3.6	83.0	25.2
SWEDEN	STOCKHOLM	-5	3	-19	-2.5	43.0	3.6
FINLAND	HELSINKI	-8	2	-25	-1.9	68.3	24.1
U KINGDOM	GLASGOW	3	11	-7	-0.8	142.0	9.7
	EDINBURGH	3	10	-7	-0.6	91.4	42.4
	BIRMINGHAM	3	11	-7	0.0	89.5	31.0
	LONDON	4	12	-8	0.5	118.5	42.8
IRELAND	DUBLIN	5	13	-3	-0.3	97.2	29.6
ICELAND	REYKJAVIK	-1	5	-9	-0.3	68.1	-6.8
DENMARK	COPENHAGEN	-1	5	-14	-1.2	44.9	-4.1
LUXEMBOURG	LUXEMBOURG	0	9	-13	-0.1	127.3	62.5
SWITZERLAND	ZURICH	1	10	-7	1.4	140.3	71.8
	GENEVA	2	9	-7	0.6	124.0	47.6
FRANCE	PARIS	4	12	-6	1.0	96.5	46.1
	STRASBOURG	3	12	-11	1.9	48.7	13.4
	BOURGES	4	12	-7	1.2	71.1	10.7
	BORDEAUX	7	15	-3	1.7	208.3	108.5
	TOULOUSE	6	15	-3	1.2	94.9	38.4
	MARSEILLE	6	15	-5	0.0	105.4	60.7
SPAIN	VALLADOLID	5	12	-2	0.8	17.8	-30.6
	MADRID	5	14	-5	-0.5	14.3	-36.3
	SEVILLA	11	19	2	-0.1	31.9	-53.8
E GERMANY	LEIPZIG	0	10	-13	0.7	34.5	0.7
	DRESDEN	0	9	-14	1.2	63.0	25.0
W GERMANY	HAMBURG	0	10	-15	-0.4	90.0	34.4
	BERLIN	0	9	-12	0.4	52.2	11.6
	DUSSELDORF	3	11	-6	0.8	108.3	45.3
	STUTTGART	1	11	-10	1.5	79.6	30.8
	NURNBERG	0	10	-12	1.0	77.0	34.1
	MUNICH	0	11	-12	1.2	98.7	46.5
AUSTRIA	VIENNA	0	12	-12	1.4	31.2	3.3
	INNSBRUCK	-1	11	-14	0.4	84.6	33.2
CZECH	PRAGUE	-1	7	-15	0.9	28.2	6.1
POLAND	WARSAW	-2	6	-15	1.4	27.4	4.6
	LODZ	-2	7	-13	0.5	42.8	4.7
	KATOWICE	-2	8	-13	0.8	35.0	-6.9
	PRZEMYSL	-1	9	-9	1.9	37.1	4.8
HUNGARY	BUDAPEST	0	11	-11	2.0	50.3	18.7
YUGOSLAVIA	SARAJEVO	0	12	-16	1.6	62.0	-9.1
ROMANIA	BUCHAREST	1	13	-8	3.7	35.0	-11.6
BULGARIA	SOFIA	1	11	-12	3.0	84.3	57.1
ITALY	MILAN	2	13	-7	1.1	101.2	36.5
	VERONA	2	11	-6	0.9	70.8	19.2
	VENICE	3	10	-4	-0.1	120.8	66.0
	GENOA	8	20	-2	0.4	122.1	32.9
	ROME	9	17	-2	0.7	151.3	72.6
	NAPLES	9	18	-1	1.4	124.0	11.1
GREECE	THESSALONIKA	7	17	-5	1.8	52.4	6.2
	LARISSA	7	18	-6	1.5	18.8	-21.2
	ATHENS	12	18	1	1.5	36.9	-14.0
TURKEY	ISTANBUL	8	15	-2	3.0	149.4	63.4
	ANKARA	1	11	-17	0.6	48.6	16.6
CYPRUS	LARNACA	13	19	2	0.6	34.6	-59.4
USSR	TALLINN	-5	3	-18	0.3	55.9	18.7
	LENINGRAD	-7	3	-28	0.6	62.7	26.0
	KAUNAS	-3	3	-13	1.6	79.7	45.5
	MINSK	-5	2	-22	2.4	77.4	43.0
	KAZAN	-11	-1	-27	2.2	42.7	15.4
	MOSCOW	-6	3	-21	3.0	84.6	43.1
	SVERDLOVSK	-14	0	-34	0.8	19.9	-2.6
	OMSK	-16	5	-30	2.6	29.6	13.7
	KUSTANAY	-13	1	-27	4.9	31.5	17.5
	KRASNOYARSK	-16	-1	-32	0.0	18.8	2.6
	NOVOSIBIRSK	-14	-1	-29	5.4	19.4	-0.9
	BARNAUL	-14	1	-28	2.0	14.7	-8.9
	KHABAROVSK	-24	-12	-35	-2.2	39.6	29.6
	VLADIVOSTOK	-15	-2	-26	-1.3	10.7	-4.2
	KIEV	-3	5	-15	2.4	60.1	16.8
	LVOV	-2	6	-13	2.0	33.2	-4.6
	KIROVOGRAD	-3	7	-15	2.4	40.5	5.6

COUNTRY	CITY	TEMPERATURE (C) AVG	HI MAX	LOW MIN	DPART F/NRM	PRECIPITATION (MM) TOTAL	DPART F/NRM
USSR	ODESSA	1	11	-13	2.0	50.6	7.1
	YALTA	6	14	-4	2.6	142.3	76.3
	VORONEZH	-5	16	-20	3.7	69.2	32.7
	SARATOV	-8	3	-20	3.3	58.1	23.5
	KHARKOV	-3	5	-16	3.8	46.2	4.5
	VOLGOGRAD	-4	6	-17	4.7	41.7	6.3
	ROSTOV	0	9	-12	5.1	78.6	31.5
	ASTRAKHAN	-1	10	-16	5.1	15.7	1.6
	KRASNODAR	4	15	-8	4.5	70.4	4.4
	ORENBURG	-10	2	-28	4.3	40.7	16.3
	TSELINOGRAD	-12	1	-29	5.1	20.8	13.8
	KARAGANDA	-10	-1	-24	3.7	18.8	2.0
	TBILISI	3	14	-7	1.1	4.1	-15.9
	TASHKENT	5	19	-5	4.5	25.7	-24.9
	ASHKHABAD	5	21	-7	2.5	11.4	-13.6
SYRIA	DAMASCUS	7	18	-9	0.4	5.4	-38.7
ISRAEL	JERUSALEM	9	22	0	-0.1	87.8	-34.1
PAKISTAN	KARACHI	18	28	4	-0.3	0.0	-8.2
INDIA	AMRITSAR	11	23	-2	-0.9	2.0	-26.0
	NEW DELHI	14	26	4	-0.2	44.2	24.5
	AHMEDABAD	21	31	9	0.6	0.0	-2.5
	INDORE	19	31	5	0.9	0.7	-8.4
	CALCUTTA	19	31	9	-0.3	7.5	-3.9
	VERAVAL	22	32	13	0.9	0.0	-0.6
	BOMBAY	25	35	15	1.2	0.0	-0.2
	POONA	20	32	6	-0.4	0.0	0.0
	BEGAMPET	21	31	-18	-0.7	37.7	34.7
	MADRAS	24	29	19	-0.3	146.0	125.3
	MANGALORE	27	35	10	0.2	0.0	-5.1
HONG KONG	HONG KONG	16	23	9	0.6	0.0	-27.0
NORTH KOREA	PYONGYANG	-11	4	-27	-2.3	13.0	4.1
SOUTH KOREA	SEOUL	-5	7	-17	-0.1	21.2	4.2
JAPAN	SAPPORO	-6	2	-15	-1.5	108.5	-5.3
	NAGOYA	3	12	-4	-0.5	5.5	-44.6
	TOKYO	5	12	-1	-0.2	1.5	-52.4
	YOKOHAMA	4	11	-2	-0.1	0.0	-61.2
	KYOTO	3	12	-4	0.0	12.7	-44.5
	OSAKA	4	13	-2	-0.6	14.5	-36.9
THAILAND	PHETCHABUN	23	36	10	0.2	0.0	-9.1
	BANGKOK	25	34	15	-0.9	0.0	-10.3
MALAYSIA	KUALA LUMPUR	26	32	21	0.2	138.9	-29.0
VIETNAM	HANOI	18	27	8	1.1	31.3	13.5
CHINA	HARBIN	-20	-4	-32	0.1	1.7	-2.0
	HAMI	-7	6	-15	4.7	0.0	-1.9
	LANCHOW	-4	7	-13	3.1	0.0	-1.3
	BEIJING	-3	11	-12	1.6	0.0	-3.0
	TIENTSIN	-3	10	-13	1.1	0.0	-3.2
	LHASA	0	17	-13	1.9	0.0	0.0
	KUNMING	8	19	-1	0.8	1.2	-10.5
	CHENGCHOW	2	13	-9	1.0	1.0	-7.7
	YEHCHANG	6	18	-1	1.6	2.2	-17.9
	HANKOW	5	15	-5	2.1	7.0	-28.0
	CHUNGKING	9	14	0	-0.7	16.7	-3.4
	CHIHKIANG	6	16	-3	1.4	33.3	-4.0
	SHANGHAI	4	15	-8	-0.1	14.0	-30.0
	NANCHANG	6	16	-2	1.4	20.4	-37.9
	TAIPEI	13	24	-87	-1.8	26.5	-63.4
	CANTON	15	26	3	1.7	1.3	-35.8
	NANNING	15	24	4	2.0	7.8	-30.2
CANARY IS	LAS PALMAS	18	23	13	1.0	33.3	13.7
MOROCCO	CASABLANCA	13	20	6	0.5	52.7	-21.1
	MARRAKECH	12	23	4	0.9	6.2	-22.5
ALGERIA	ALGER	11	21	1	0.4	66.5	-31.2
	BATNA	5	15	-2	0.1	38.6	-1.3
TUNISIA	TUNIS	12	20	0	0.4	35.3	-28.1
NIGER	NIAMEY	24	37	11	-0.7	0.0	0.0
MALI	TIMBUKTU	19	40	2	-2.8	0.0	0.0
	BAMAKO	24	37	13	-1.3	0.0	0.0
MAURITANIA	NOUAKCHOTT	21	33	10	-0.7	0.0	-1.1
SENEGAL	DAKAR	19	27	8	-2.6	0.0	0.0
CHAGOS ARCH	DIEGO GARCIA	28	31	23	0.1	813.4	486.1
LIBYA	TRIPOLI	12	22	2	-0.2	12.1	-40.2
	BENGHAZI	13	21	5	0.6	31.3	-32.3
EGYPT	CAIRO	15	26	0	0.8	0.0	-2.8
	ASWAN	16	31	6	0.3	0.0	0.0
ETHIOPIA	ADDIS ABABA	14	29	2	-2.6	0.0	-24.9
KENYA	NAIROBI	20	29	8	0.4	37.6	-11.3

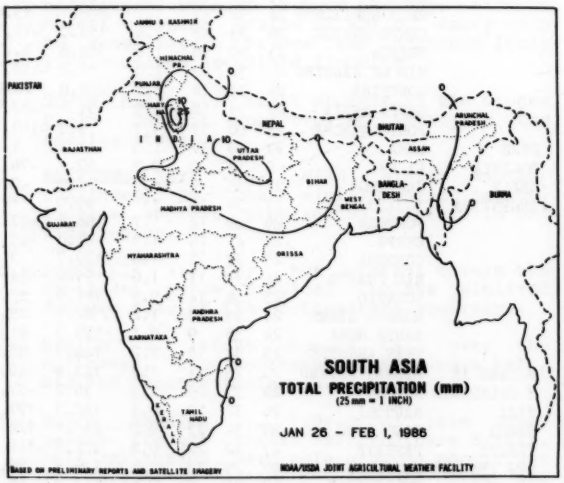
COUNTRY	CITY	TEMPERATURE (C) AVG	HI MAX	LOW MIN	DPART F/NRM	PRECIPITATION (MM) TOTAL	DPART F/NRM
TANZANIA	DAR ES SALAAM	28	34	20	0.1	22.3	-45.2
GABON	LIBREVILLE	27	31	23	0.1	98.8	-188.2
TOGO	LOME	28	38	18	0.8	0.0	-14.2
UPPER VOLTA	OUAGADOUGOU	24	37	12	-1.5	0.0	0.0
IVORY COAST	ABIDJAN	27	33	20	0.1	0.0	-21.9
MOZAMBIQUE	MAPUTO	26	36	19	-0.2	144.6	-28.2
ZAMBIA	KABWE	20	28	15	-0.7	184.9	-55.1
ZIMBABWE	HARARE	21	30	14	0.3	347.1	148.2
S AFRICA	PRETORIA	24	33	16	1.9	39.1	-109.4
	KROONSTAD	23	35	10	0.2	99.7	6.7
	JOHANNESBURG	21	31	12	1.5	53.2	-74.2
	BETHAL	20	32	12	0.5	100.0	-34.1
	DURBAN	25	34	17	1.0	191.4	65.1
	CAPE TOWN	21	34	10	0.9	11.2	-0.3
CANADA	TORONTO	-6	7	-22	0.9	25.8	-24.6
	MONTREAL	-9	6	-25	0.7	116.0	43.9
	WINNIPEG	-13	7	-34	5.7	9.8	-11.6
	REGINA	-8	6	-24	9.5	13.1	-3.6
	SASKATOON	-9	7	-26	8.9	26.3	8.0
	LETHBRIDGE	1	13	-16	11.2	4.3	-19.3
	CALGARY	-1	14	-14	10.8	0.8	-15.4
	EDMONTON	-5	8	-18	9.6	11.2	-13.3
	VANCOUVER	6	13	-1	3.7	220.5	66.7
MEXICO	GUADALAJARA	15	27	1	-0.7	0.0	-12.0
	MEXICO CITY	13	23	0	0.3	0.0	-5.3
	ACAPULCO	26	32	15	-0.8	0.0	-9.9
BERMUDA	ST. GEORGES	19	23	13	1.2	107.8	-16.7
BAHAMAS	NASSAU	21	29	11	0.0	6.6	-37.2
JAMAICA	KINGSTON	26	32	20	0.0	20.3	1.9
PUERTO RICO	SAN JUAN	24	30	17	-0.6	46.2	-30.3
GUADELOUPE	RAIZET	25	30	17	1.2	37.8	-30.4
MARTINIQUE	LAMENTIN	25	29	16	1.2	***	****
BARBADOS	BRIDGETOWN	25	29	20	-0.5	33.5	-27.6
TRINIDAD	PORT OF SPAIN	25	31	19	0.2	18.1	-55.4
COLOMBIA	BOGOTA	13	30	0	0.4	17.6	-16.2
VENEZUELA	CARACAS	25	31	19	0.4	3.0	-49.8
FR GUIANA	CAYENNE	26	31	22	0.9	413.6	-9.5
BRAZIL	FORTALEZA	27	31	23	-0.8	102.5	-36.0
	RECIFE	27	32	20	0.0	50.8	-16.6
	BELO HORIZONTE	24	32	17	1.1	298.1	13.6
	CAMPO GRANDE	26	33	18	1.6	158.0	-71.1
	FRANCA	23	30	16	1.0	304.6	54.7
	RIO DE JANEIRO	27	37	21	1.0	16.2	-130.7
	LONDRINA	26	34	18	2.0	235.0	20.0
	SANTA MARIA	27	39	16	2.5	51.1	-89.9
	PORTO ALEGRE	28	40	17	3.1	9.0	-110.1
PERU	LIMA	23	30	17	1.0	1.2	1.2
BOLIVIA	LA PAZ	9	17	0	-0.7	67.1	-76.1
CHILE	SANTIAGO	21	35	9	-0.3	0.0	-0.6
ARGENTINA	IGUAZU	27	36	16	***	99.0	****
	FORMOSA	29	40	12	1.7	86.8	-37.2
	CERES	28	41	15	1.7	81.0	-45.3
	CORDOBA	25	39	11	1.8	120.7	3.6
	RIO CUARTO	24	39	11	1.0	59.2	-54.9
	ROSARIO	25	38	12	0.9	161.6	33.5
	BUENOS AIRES	24	38	10	1.2	82.7	-28.5
	SANTA ROSA	24	35	9	-0.1	129.0	61.8
	TRES ARROYOS	23	34	10	1.2	144.9	93.0
MIDWAY IS	MIDWAY ISLAND	20	25	14	1.3	143.9	-40.1
N CALEDONIA	NOUMEA	28	37	23	2.5	36.8	-77.1
FIJI	NAUSORI	26	32	20	0.1	162.3	-173.7
SAMOA	PAGO PAGO	27	32	23	0.2	451.1	126.9
TAHITI	PAPEETE	27	32	22	0.6	224.0	-118.7
NEW ZEALAND	AUCKLAND	21	29	12	1.4	139.3	78.0
	WELLINGTON	19	26	8	2.6	142.3	56.1
PAPUA N GUI	PORT MORESBY	28	35	23	0.6	102.4	-101.6
AUSTRALIA	DARWIN	28	34	23	0.2	643.2	233.4
	MOREE	26	37	13	-0.5	40.4	-42.0
	BRISBANE	25	34	18	0.3	41.8	-139.1
	PERTH	26	41	12	1.2	15.7	9.4
	CEDUNA	21	34	12	-1.1	0.0	-10.0
	ADELAIDE	20	34	12	-1.8	11.0	-26.0
	MELBOURNE	17	28	10	-2.6	16.8	-20.3
	WAGGA	23	37	13	-0.9	60.4	10.5
	CANBERRA	19	34	6	-1.4	54.0	-5.6
INDONESIA	DJAKARTA	26	31	22	0.3	493.1	85.9
PHILIPPINES	MANILA	25	32	19	-0.2	0.0	-12.9



WESTERN USSR...Light precipitation covered most winter grain areas. Precipitation amounts ranged from 10 to 21mm in the Baltic States, Belorussia, central Ukraine, and central Black Soils Region. Mostly dry weather covered the North Caucasus and the lower Volga Valley. The unseasonable warm weather continued with weekly temperatures ranging from 3 to 4 degrees C above normal. As a result of the warm weather, winter grain areas in the Ukraine and North Caucasus lack a protective snow cover, leaving crops vulnerable to extreme cold. By week's end, arctic air from Siberia slipped westward into the Volga Valley and northern North Caucasus, dropping temperatures to below normal.



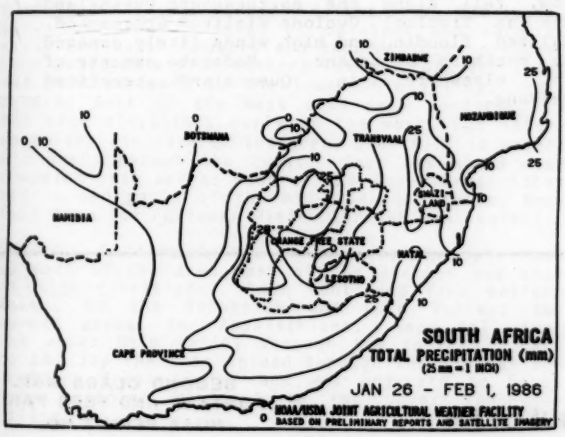
EUROPE...Drier weather relieved persistent wetness in north eastern France, Belgium, and West Germany. In contrast, widespread precipitation covered the Iberian peninsula, benefiting winter grains in the vegetative stage. Heavy rain (77 to 100mm) covered winter grain areas in northern Italy's Po Valley, recharging soil moisture. However, local flooding likely occurred in some areas. Elsewhere, light precipitation covered dormant winter grains in eastern Europe. Weekly temperatures were below normal in the west and above normal in the east.



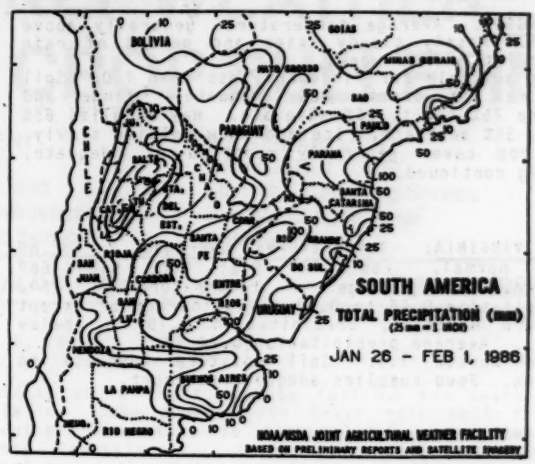
SOUTH ASIA ... Light rain covered most of the Ganges Plain. Isolated areas in Uttar Pradesh received 15 to 40mm of rain, but most of the rainfall amounts were lighter (1 to 5mm). The moisture was beneficial for nonirrigated wheat in Uttar Pradesh, which has received below-normal rainfall this winter. The light showers extended into northern Madhya Pradesh while wheat areas in Punjab and northern Pakistan were dry. Temperatures averaged slightly above normal in northern India.

EASTERN ASIA...Dry weather continued in the North China Plain while winter wheat remains dormant in the major northern producing areas. Above-normal temperatures covered eastern China again this week. Rainfall was concentrated in a band south of the Yangtze River. Heaviest rainfall amounts (25 to 35mm) occurred in Hunan again this week. The moisture will benefit early rice planting, which can begin in late February. Drier weather continued in the southern coastal provinces.

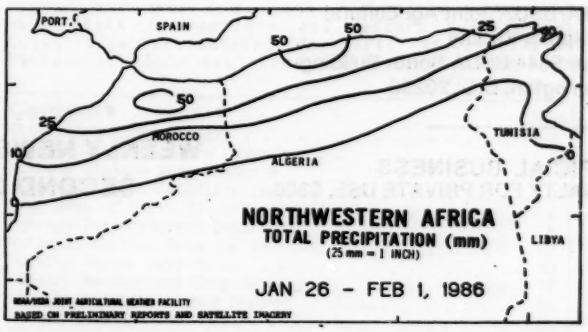
MEXICO...A few light showers fell in the northwestern wheat areas where the crop is generally in vegetative growth. Reservoirs are reportedly at sufficient levels for irrigation needs in the north. Dry, mild weather prevailed again in the northeast. Light, scattered showers occurred in the Southern Plateau corn belt. Isolated heavy showers occurred over the east coast sugarcane area slowing harvesting, but moistening soils for vegetable planting. Light rain also fell over southern Mexico along much of the Yucatan Peninsula. Dry weather and mostly seasonable temperatures occurred over west coast vegetable growing areas.



SOUTH AFRICA...Rainfall decreased this week following last week's very beneficial rain. Light to moderate showers covered most of the Maize Triangle, maintaining adequate moisture. Most of the major corn producing region received about 10mm of rain while isolated areas in the Orange Free State and Transvaal received 25 to 30mm of rain. Favorable cool temperatures continued with high temperatures averaging about 30 degrees C in the west. A continuation of moderate temperatures and frequent showers during the next 4 to 6 weeks will be required to maintain corn's yield potential. Early-planted corn is in the grain filling stage while late-planted corn is in the tasseling and silking stages.



SOUTH AMERICA...Substantial weekly rainfall, averaging 50 to 100mm or more, occurred over a large area extending from central Argentina into portions of the drought-stricken soybean area of western Rio Grande do Sul, Brazil. The remainder of both Brazil's and southern Paraguay's soybean areas benefited from about 25 to 50mm of rain. The topsoil moisture eased the severe stress conditions, which were developing again in Rio Grande do Sul following another episode of hot, dry weather. Runoff from locally heavy showers on the parched soils in the southwest may have limited the beneficial aspects of the rain. However, recent weather in Brazil's soybean belt has generally improved conditions for flowering and podding. Widespread rain over Argentina's soybean and corn areas maintained favorable growing conditions for crops ranging from vegetative growth to grain or pod filling. Light showers fell in northern cotton areas.



NORTHWESTERN AFRICA ... Widespread showers covered much of the region, benefiting winter grains in the vegetative stage. Precipitation amounts ranged from 16 to 56mm in Morocco, and most of Algeria. In Tunisia, light showers brought little relief from drought conditions, which have covered winter grain areas since the beginning of the growing season.

(Continued from p. 14)

WASHINGTON: Average temperatures generally above normal. Mostly cloudy skies and period of rain during latter half week.

Days suitable for fieldwork less than 1.0. Soil moisture 10% short, 90% adequate. Range and pasture 75% short, 25% adequate. Hay supplies 65% short, 35% adequate. Ice and snow melting slowly, but crop cover generally reported as adequate. Pruning continued.

WEST VIRGINIA: Temperatures averaged 2 to 8° below normal. Low -10° Flat Top; high 66° Creston. Average temperature 25°. Precipitation 0.44 to 0.53 in. below normal except southern division, precipitation 0.19 in. below normal. Average precipitation 0.24 in.

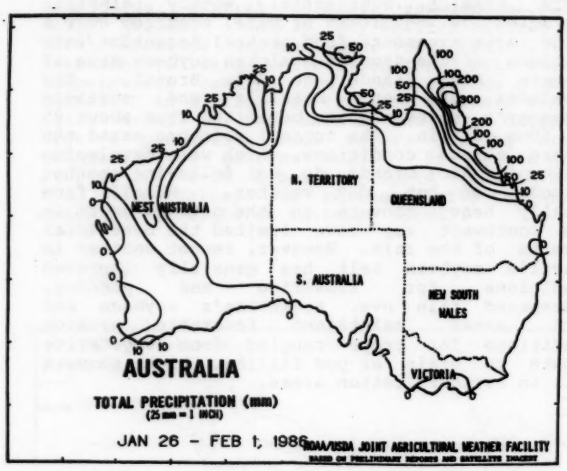
Days worked 1.9. Soil moisture adequate to surplus. Feed supplies adequate to short.

WISCONSIN: Temperatures below normal beginning of week, normal to above normal midweek through weekend. Snow 1 to 3 in. most areas 25th; 1 to 4 in. snow central and northern areas, snow and freezing rain southern areas 28th. Snow depths ranged from 1 to 6 in. south and along Lake Michigan shore, 7 to 12 in. central, 13 to 36 in. north; averaged 13 in. Frost depths less than 1 in. north central, 1 to 6 in. central and southwest, 7 to 24 in. southeast; averaged 5 in.

Corn harvested 80%, 100% 1984, 96% avg.; small amounts harvested in snow, standing well in fields. Other activities feeding livestock, spreading manure.

WYOMING: Warm, dry week. Temperatures 5 to 10° above normal. Precipitation well below normal.

Winter wheat good condition, some areas dry due to warm, windy conditions. Livestock good condition. Supplemental feeding continued.



AUSTRALIA ... Drier weather covered southeastern crop areas this week, following moderate rain last week. Coastal areas of New South Wales and Victoria received variable rain while inland crop areas were dry. Hot weather returned to the southeast with highs reaching 35 to 42 degrees C. Summer crops in the reproductive stage benefited from last week's moisture but have generally received below-normal rainfall since mid-December. Heavy rain, as much as 350mm, fell along the northeastern Queensland coast as Tropical Cyclone Winifred approached. Localized flooding and high winds likely damaged some northern sugarcane. Moderate amounts of rain elsewhere in Queensland benefited sugarcane.

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